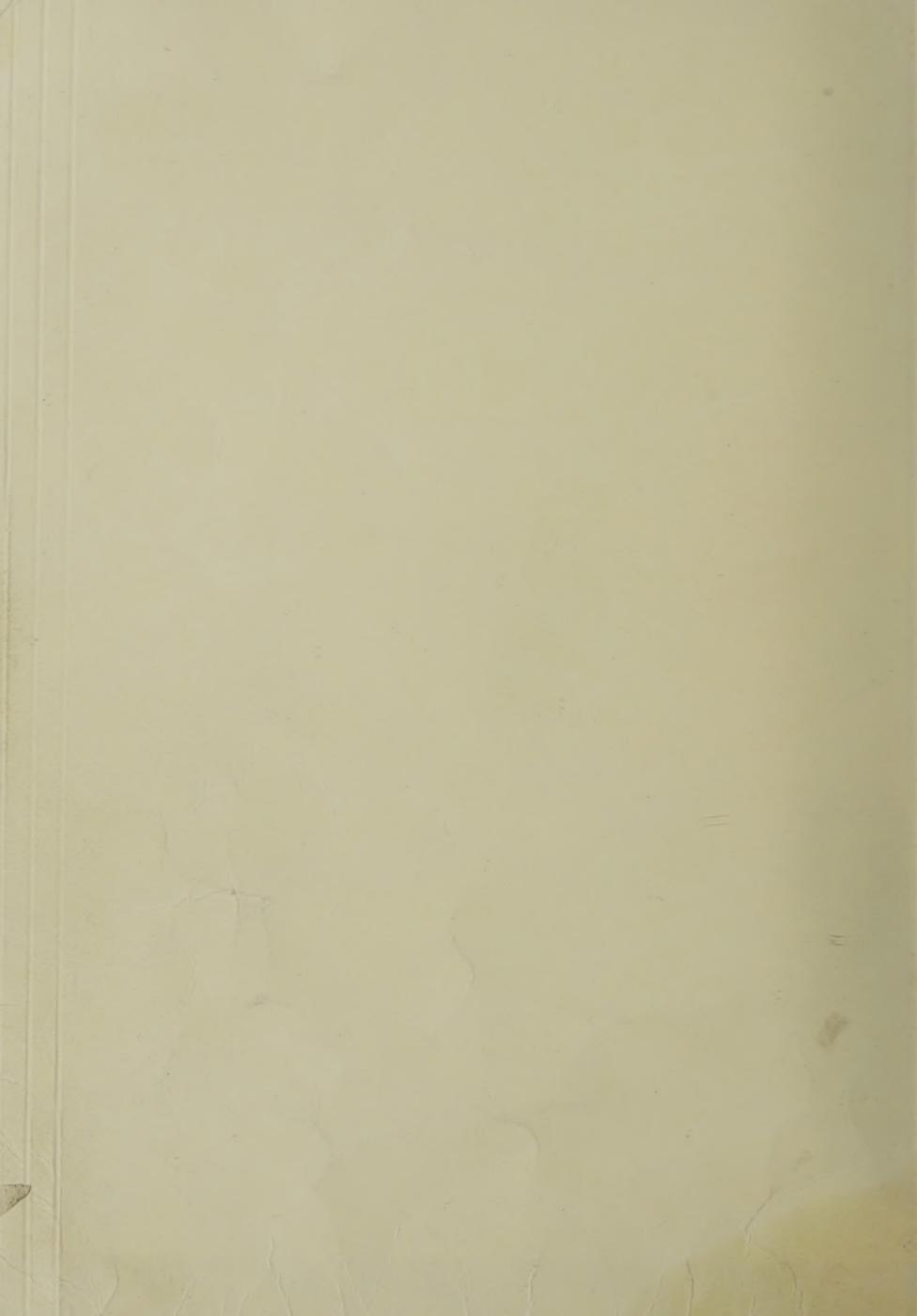
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.







We offer only those lown seeds and mixtures that are truly suited to this territory.

BEST LAWN MIXTURE-Our selected lown mixture is the very finest combination of high quality seeds . . . o marvelous mixture that years of experimenting has proved to be safe and sound. It produces o lawn that is like carpet of green velvet . . . smooth, even, and thick. All the grasses in it ore fine-bloded and deep-rooting.

For quick results and permanent sotisfaction, this mixture simply can't be excelled.

KENTUCKY BLUE GRASS-The base of nearly every good lawn seed mixture. Produces The roots are deep, and the plants very hardy. Our Blue Gross is heavy, clean seed, of excellent quality.

WHITE CLOVER—Very desirable in lown mixtures because of its rapid, low growth and creeping stems. Sometimes voluable as a green cover for poor ground, where grass does not thrive. Very hardy.

CHEWINGS FESCUE—Widely used for putting greens, and also fairways and tees. A very hardy voriety that produces thick, duroble turf, even under unfavorable conditions.

BENTS-We offer Creeping Bents selected especially for their suitability to the growing conditions they will meet. Ask us for full information about these remarkable plants.



For Shady Spots

Wherever shode mokes it difficult for you to obtain a good lawn, our special shade mixture is heartily recommended. We have chosen excellent quality, shode-enduring grasses and clovers . . . ond blended them into a mixture that will give you surprising results.



For Sunny Lots

We offer you o fine mixture of sturdy, hardy grasses that thrive in locations exposed to the blazing sun. Becouse weed control is more difficult in sunny ploces, our special mixture contoins vigorous grasses that will starve weeds out and help give you the weed-free lown you desire.



For Special Uses

We have just the right gross seed for every special purpose. We con give you special deep-rooted grasses for the sloping lown . . . the ideal grasses for planting on golf courses, parks, estates or cemeteries . . . or for ony other special use. Just tell us whot you wont.

HINTS ON LAWN CARE

FITTING THE SOIL-Use fertilizer to make grass grow vigorously and thus crowd out and storve weeds. Never use lime unless actual test shows the lawn soil to be too ocid for grass. If there is any doubt os to the food needs of the soil, consult us about it.

SOWING THE SEED-If the soil has been rolled or is packed hard by rains, go over it again with the steel rake before sowing. The easiest way to sow seed on small lawns is to broadcast it, preferably in the morning of a still day. Sow plenty of seed, ot least 3 pounds to each 100 square feet. After sowing, rake in gently, then roll the ground lightly to pack it down.

LAWNS LIKE PLENTY OF HUMUS.

So do not remove short grass clippings but let them lie to decomposure. Rotted gross clippings are Nature's best humus. Discord your grass catcher. Run the lown mower eost and west the first week and sweep with a Brume-Rake north ond south. Next week, cut north and south and sweep east and west. This sweeping will remove the long clippings which might scald the lawn if left where they fall but, even more important, will work the fine clippings down to the roots where they will form a moisture-conserving mulch and later, when rotted, the finest possible humus.

PEAT MOSS VALUABLE—A mulch of sifted or weathered peat moss is olso helpful if applied in the spring. but even more effective in the foll. It supplies humus, a mulch, and is also slightly acid. When you mow the gross, mow high and mow often. This is much better than mowing close and less frequently.

KEEP THE GRASS LINE NEAT AND STRAIGHT-Nothing is more important to the well-kept oppearance of the lawn than o neot, straight gross line. A good turf edger will spare you considerable time and effort in trimming edges.

FIGHT WEEDS—There just isn't any place in a well-kept, healthy lown for weeds. However, they do appeor, and the good gardener is constantly watching for them. Always rid your lawn of weeds before they go to seed. If you get on the job right after o heavy rain, mony weeds can be pulled out by the hands with the roots intact.

ABOUT WARRANTY
We take great core in the selection
of our seed. But because we have no
control over the many factors govof our seed. But because we have no control over the many factors governing the success of the crop, we give no warronty, express or implied, as to description, purity, productiveness or any other matter of seeds, bulbs or plants, and will not be in any way responsible for the crop.

Woodgro

LAWN GRASS SEED and FERTILIZER

Woodgro Mixture FOR SHADY PLACES

There are olways spots under trees and in the shadow of buildings where the sun-loving grosses will not grow. For places of this kind we have prepared a coreful Mixture of those grosses which naturally thrive in the shade. This Mixture consists of the highest grade of recleaned seeds, and should produce a good lawn in difficult shady places. Even shadeloving grosses will not grow under trees without being watered because the tree roots are very greedy and absorb the maisture from the surface quickly. Weighs over 20 pounds to the bushel.

Lb. 65c; 2 lbs. \$1.25; 5 lbs. \$3; 10 lbs. \$5.50; 20 lbs. \$10.50; 100 lbs. \$50.

Woodgro CHOICE MIXTURE

In this Mixture the quantities of some of the more expensive grosses are reduced or left out. Produces a thick turf, well adopted to hard usage. Weighs over 20 pounds to the bushel.

Lb. 50c; 2 lbs. 95c; 5 lbs. \$2; 10 lbs. \$3.75; 20 lbs. \$7; 100 lbs. \$34.

Woodgro SUNNY SPOT MIXTURE

This mixture will meet the requirements of those desiring to mointoin a lown at low cost. It is a good clean mixture of high quality and strong germination, producing a fine turf.

Lb. 30c; 5 lbs. \$1.40; 10 lbs. \$2.60; 100 lbs. \$25.

Woodgro ROUGH or TEE MIXTURE

This mixture is the result of most coreful study ond exhaustive tests mode with the object to produce o thick turf to withstond the hord use suffered by the overage foirway. Splendid for the golf caurse, foirway, teeing ground, footboll and polo field, and other othletic grounds. Contains no white clover.

Lb. 50c; 5 lbs. \$2.25; 25 lbs. \$10; 100 lbs. \$35.

Woodgro PUTTING GREEN MIXTURE

A choice mixture of fine-bloded, low-growing, ond most hordy grosses including a liberal proportion of Bent Gross. Retains a rich green color throughout the season, standing continuous cutting and intense close tramping.

Lb. 90c; 5 lbs. \$4; 25 lbs. \$17.50; 100 lbs. \$65.

WOODGRO SPECIAL BENT MIXTURE Lawn Grass Seed

Through many years of careful testing we have developed a super mixture of grasses, mostly Bent varieties, which will produce a smooth, velvety lawn resistant to drought and hard wear. The seed has been chosen for its freedom from dirt and weeds, its high vitality, and trueness to type. It weighs 25 pounds to the bushel, which is unusually heavy for Lawn Grass Seed and means that it is pure seed of the highest quality. A good lawn

cannot be made from lightweight chaffy seed or seed mixed with dirt and foreign matter. Only the most carefully chosen stock, cleaned, recleaned, and tested, can be depended on for success.

Each package of Lawn Grass Seed contains detailed instructions for preparing the ground, sowing, fertilizing, and after care of new lawns, and reliable directions for improving an old one.

Lb. 70c; 2 lbs. \$1.40; 5 lbs. \$3.25; 10 lbs. \$6; 25 lbs. \$14.50; 100 lbs. \$55.



Woodgro PURE COW-MANURE

The greatest influence that WOOD-GRO has on plant-life is supplying organic matter to the soil. Its concentration, made possible by a special process of dehydration, makes it extremely valuable as a fertilizer. Upon decomposition of WOODGRO in the soil, it produces humus, which increoses the obsorptive copocity, acts os o binder in sondy soils, produces porosity in cloyey soils. WOODGRO being dehydroted, increoses the woter-holding copocity of the soil, oids in the oir-supply, renders compounds more ovailable, and, by the addition of numerous bocterio, stimulotes the processes of ommonification, nitrogen fixotion, and nitrification. These effects are losting and carry over from year to year.

The Difference Between WOODGRO and Other Fertilizers

The overage organic fertilizer consists of dehydroted manures, which ore more or less impure and contain large volumes of useless filler. WOODGRO, being pure commanure, concentrated, is fertilizer of the highest volue, which stimulates plant-growth, and also adds humus to the soil.

5 lbs. 40c; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.25; 500 lbs. \$20; 1000 lbs. \$37.50; I ton \$70.

If you once use WOODGRO and experience the wonderful results it gives, you'll use it always.

SEE PAGE 34-F FOR OTHER FERTILIZERS

Woodgro

LAWN GRASS SEEDS FOR SPECIAL CONDITIONS

New Jersey Lawn Formulas

The New Jersey Experiment Station, New Brunswick, N. J., has published a series of Lawn Seed Formulas which they advise as being most suited to the climate and soil conditions of this state. These mixtures are accurately made up of new-crop seed of the recommended varieties. We use ingredients higher in purity and germination than required by the Experiment Station's specifications.

Formula No. 1 (with Clover). Standard for lawns in New Jersey on fair to good soils. Lb. 60c; 2 lbs. \$1.10; 5 lbs. \$2.65; 10 lbs. \$5; 25 lbs. \$12; 100 lbs. \$42.50.

Formula No. Ia (without Clover).

Same basis as above, but without Clover. Lb. 60c; 2 lbs. \$1.10; 5 lbs. \$2.65; 10 lbs. \$5; 25 lbs. \$12; 100 lbs. \$42.50.

Formula No. 2. For finest quality turf, containing a liberal percentage of Colonial Bent. Lb. 75c; 2 lbs. \$1.40; 5 lbs. \$3.25; 10 lbs. \$6.50; 25 lbs. \$15.50; 100 lbs. \$60.

Formula No. 3. For shaded areas. Lb. 70c; 2 lbs. \$1.40; 5 lbs. \$3.25; 10 lbs. \$6.25; 25 lbs. \$15; 100 lbs. \$58.

Formulo No. 4. For poor, clayey, shaley, or sandy soils of New Jersey. Lb. 60c; 2 lbs. \$1.20; 5 lbs. \$2.85; 10 lbs. \$5.50; 25 lbs. \$13; 100 lbs. \$50.

We prepay tronsportation charges on all Lown Gross Seed Mixtures offered in this Catalogue within 150 miles of Montclair

A WORD ABOUT SPECIAL MIXTURES—While the preceding formulos have been designed to cover all ordinary lown needs, it is possible that you may have unique soil-conditions which require individual attention and treatment. If this is so, we shall be glad to formulate specal mixtures to meet your individual requirements. Consult us. We are sure we can help.

WOODGRO TERRACE MIXTURE.

This is a special mixture of grasses best suited for sowing on terraces and side-hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils and at the same time produce a rich green turf throughout the season. Lb. 65c; 5 lbs. \$3; 20 lbs. \$11; 100 lbs. \$50.

WOODGRO SEASHORE LAWN GRASS SEED. A special mixture

of grasses peculiarly suited for seaside lawns, composed of strong-roated varieties which will quickly produce a good turf. Lb. 60c; 5 lbs. \$2.75; 20 lbs. \$10; 100 lbs. \$45.

WHITE DUTCH CLOVER SEED. Excellent for use on the lawn, as it forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Recommended for fairways and tees. 1/4 lb. 25c; 1/2 lb. 40c; Lb. 75c; 5 lbs. \$3.50; 10 lbs. \$7; 100 lbs. \$65.

Fancy Recleaned Grass Seeds

Owing to the variations in market value, the prices quoted below are subject to change without notice. Write for special prices on larger quantities.

Blue Grass, Kentucky (Poa pratensis). This is suited to a variety of soils and is largely used as a pasture grass. It is unusually early, and presents a beautiful green appearance in early spring when other grasses are still dormant; revives with first rainfall after a long drought. Sow 60 pounds to the acre. Lb. 50c; 10 lbs. \$4; 100 lbs. \$38.

Fescue, Chewing's New Zealond (Festuco). Especially recommended for golf putting-greens and lawns; succeeds on all soils. Lb. \$1; 10 lbs. \$9.50; 100 lbs. \$90.

Fescue, Fine-leaved Sheep's (Festuco ovino tenuifolia). The leaves are small, wire-like, very fine but tough and stiff. The color is beautiful dark green. Valuable for lawns subjected to hard wear, tees, and putting-greens. Lb. 65c; 10 lbs. \$6; 100 lbs. \$57.

Fescue, Meodow (Festuca pratensis).
One of the finest grasses for permanent

pastures, highly nutritious and relished by stock. Succeeds well in all soils but best on moist land. Robust in habit and grows over a long season. Sow 50 to 70 pounds to the acre. Lb. 35c; 10 lbs. \$3; 100 lbs. \$26.

Fescue, Red or Creeping (Festuca rubra). Fine for lawns. Resists drought; valuable for seeding embankments and exposed locations, as it binds the soil. Forms a very close, durable turf; much used on puttinggreens. Lb. 90c; 10 lbs. \$8; 100 lbs. \$70.

Orchard Gross (Doctylis glomeroto). A deep-rooted, very nutritious grass; does well in shady places and is of great value for hay and permanent pasture. Lb. 45c; 10 lbs. \$4; 100 lbs. \$30.00.

Red-top, Fancy Recleaned (Agrotis vulgaris). An excellent grass for lawns and pastures. We offer only fancy, recleaned seed, entirely free from chaff. Lb. 50c; 10 lbs. \$4.00; 100 lbs. \$35.00.

Fancy Recleaned Grass Seed (Continued)

Rough-stolked Meodow Grass (Poe trivialis). No grass is better adapted for pleasure-grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. A fine grass for dry ground under baywindows, overlapping roofs and shady side yards. Sow 20 to 25 lbs. to the acre. Lb. 80c; 10 lbs. \$7.50; 100 lbs. \$65.00.

Rye Grass, English (Lolium perenne). Invaluable for permanent pastures, as it forms compact sward, remains bright and green throughout the season, and is a rapid grower. Sow 60 pounds to the acre. Lb. 35c; 10 lbs. \$3.00; 100 lbs. \$25.00.

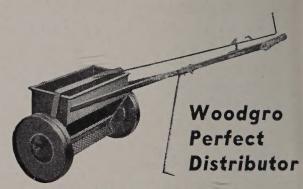
Timothy (Phleum pratense). XXX fancy, recleaned. Either alone or with Red-top and clover, it furnishes the best hay. Lb. 25c; 10 lbs. \$2.00; 100 lbs. \$12.00.

BENT GRASSES For Lawns and Putting-Greens

ASTORIA BENT. Oregon-grown. Botanically this is the same as Rhode Island ar Colonial Bent. Hardy, underground, creeping roat-system. Lb. \$1.30; 5 lbs. \$6; 100 lbs. \$100.

RHODE ISLAND or COLONIAL BENT. Lb. \$1.30; 5 lbs. \$6; 100 lbs. \$110.

GERMAN MIXED BENT. Composed largely of Rhode Island Bent and True Creeping Bent. Lb. \$1.50; 5 lbs. \$7; 100 lbs. \$125.



A simple, sturdy and efficient machine that solves the problem of even distribution of fertilizers, gross seed and top-dressing.

It has a positive shut-off control and adjusting device right on the handle to regulate the desired quantity to be sown.

18-inch	width		 								 					 . \$	12.00	0	
24-inch																			
36-inch	width		 						÷				÷				23.7	5	

Permanent Pasture and Hay Mixture

This Pasture Mixture is far superior to any other for producing permanent hay and pasture. It is made up of varieties that will form a permanent pasture that lasts for years, and is composed chiefly of native and acclimated grasses that have been found to be best. These are blended in their proper proportions to give the desired results. Sow on new land which has been plowed and harrowed, at the rate of 60 pounds per acre; on ground partly covered, about 30 pounds per acre. Lb. 40c; 10 lbs. \$3.50; 100 lbs. \$30.



Just as one good neighbor to another . . . we're interested in your garden.

Of course, it's our business to be. But we do want you to remember one thing about us. As your neighbors, we have a pretty close insight into your garden needs and preferences. We take them more seriously and personally than any "far-away" seed house can.

Because of our long acquaintance with the needs of this section . . . the soil . . . the weather . . . the growing habits . . . we can supply everything you need to make your garden a success.

Whether you're an amateur . . . or an experienced market gardener . . . you'll benefit by a careful reading of this catalog. In these pages, or in our store, you'll find the answer to your every gardening need. Seeds in ample variety—garden supplies of all kinds.

If you don't find what you want—we'll get it for you. Promptly, and gladly.

We are enclosing an order blank for your convenience in placing your first order for the coming season. Of course, we'll be expecting to see you at our store, too. Either way, your wants will always be taken care of.

We'll be here the year round, ready to serve.

CONVENIENT WAYS TO BUY HERE!

You can shop at our store—or order by mail —whichever you prefer!



Newest!

Selected by the official All-America Committee as the outstanding new developments.

IPOMEA, (Morning Glory) Scarlet O'Hara—Garden enthusiasts have long awaited this unusual new Morning Glory—a 1939 All-America Gold Medal Winner that promises to reign as a favorite this season, and for many to come. The flower is rich, wine-red, or deep rosy crimson—an entirely new color. Blossoms are about 4 inches in diameter, and are freely produced on fast growing vines. Packet, 25c.

SCABIOSA, Blue Moon—Strikingly different from any other Scabiosa. The completely double flowers are large and deep, resembling an old fashioned beehive in shape. Rich, deep lavender blue—a most unusual shade. Upright, tall plants, 42 to 48 inches high. Strong, wiry stems hold the blossoms erect, and make this gorgeous flower ideal for cutting. Retains color indoors. 1939 All-America. Packet, 25c.

ZINNIA, Navaja Mixed—This bi-colored, gaillardia flowered Zinnia is today's favorite among the newer varieties. Medium-sized flowers in a wonderful range of colors are unsurpassed for cutting. 2½ to 3 foot plants, free blooming. 1938 All-America Selection. Packet, 15c.

ZINNIA, Star Dust—Clear, golden yellow, Fantasy Type, whose charming shaggy-petaled blossoms lend informality and color to the garden. Good length on free-bloaming plants. Award of Merit 1937 All-America Selections. Packet, 15c.

CORNFLOWER, Jubilee Gem — Tidy, compact plant, covered with double, rich cornflower-blue blossoms. Splendid for edging, borders, or cutting. Developed in England, and received the All-America Award in 1937. Packet, 15c.

MARIGOLD, Crown of Gald—Chrysan-themum-flowered, odorless Marigold—an All-America Gold Medal Winner in 1937 that is still winning hearty approval. Short, quilled center petals, collared with flat deep orange guard petals. Plant is branching, 2½ to 3 feet tall, flowers in mid-season. Packet, 15c.

MARIGOLD, Dwarf Royal Scot—Rich, mahogany red, rather flat flowers with gold stripes. Plants are uniformly dwarf, bushy, and produce continuous, rather early bloom. Packet, 15c.

HOLLYHOCK, Indian Spring (A)—A new type of this stately old favorite garden flower that is attracting much attention. Semi-double and double fringed flowers in shades of pink, bloom on 4 to 5 foot plants within 5 months after planting seeds. 1939 All-America Selections Silver, Medol Aword. Packet, 25c.

PHLOX DRUMMONDI, Salmon Glory—A worthy novelty awarded a Silver Medal by the 1939 All-America Selections Committee. This huge flowered variety has soft, rich salmon-pink florets, with wide, creamy-white eyes. About 10 inches high, runs quite true, and is a prolific bloomer. For bedding, cutting, or boxes, Packet, 25c.

CHINA ASTER, Wilt-Resistant Early Giant, Light Blue—Enormous, lacy, clear light blue Aster that is really a glorified Giant Crego. 3-foot branching plants, that produce an abundance of 5-inch flowers with curled and interlaced petals. Fine for cutting and keeping. This new Aster won an All-America Silver Medal for 1939, and will win attention in your border. Packet, 25c.

ANTIRRHINUM, Guinea Gold—Striking flowers, glowing bronzy orange, with yellow throats. Plants grow dwarf and bushy, 12 to 18 inches high. This 1939 All-America Selection is a truly grand Snapdragon, with many large flowers on compact spikes. Packet, 25c.

MARIGOLD, Early Sunshine—Dwarf and very early flowering variety of Dixie Sunshine. Bushy, 24-inch plants, with yellowish-green foliage. Blossoms are 2 to $2^{1/2}$ inches in diameter, with uncurved petals of lemon or sulphur yellow. Bronze Medal, All-America Selections, 1939. Packet, 25c.

CYNOGLOSSUM, Firmament—An easy-to-grow, dwarf new type of Forget-menot. Because of its rich blue color, and neat habits, this All-America 1939 Bronze Medal Winner will be a favorite of all gardeners. Packet, 25c.

PETUNIA, Ladybird—This new, compact, dwarf Petunia is of the deepest rose, with faint veins of a darker color towards the throat—and is a distinct addition to this type of dwarf, compact Petunias. 1939 All-America Selection. Packet, 25c.

VERBENA, Blue Sentinel—Unusual, rich navy blue flowers, with medium sized florets and trusses. 10 to 12-inch compact plants, fine for neat, dark beds. 1939 All-America Bronze Medal. Packet, 25c.

PETUNIA, Salmon Supreme—Dwarf bedding Petunia, distinctly new, with light salmon flowers, white throated. Plants are bushy, 12 inches high, and bloom profusely over a long season. Award of Merit, All-America Selections, 1938. Packet, 15c.

PETUNIA, Gaiety—Giant fringed, dwarf, all-double variety. Flowers are rose or light rose, with white colorings, double, and semi-double. Award of Merit, All-America Selections, 1938. Packet, 15c.

CALLIOPSIS, Golden Crown—This enlarged type of oronge-yellow or gold Calliopsis received an Award of Merit from the All-America Selections Committee in 1938. Some of these large flowers come with extra rows of petals, and all on long, wiry stems, making them fine for cutting. Packet, 15c.



5







...each one the king of its kind

PETUNIA, Flaming Velvet—Large, velvety, bload-red flowers, rich and brilliant. Packet, 15c.

PETUNIA, Dainty Lady—These lovely, large-fringed petunias are aptly nomed. Delicote yellow, tinged gold and deeper cream blooms, on compact, neat plants. Packet, 20c.

ZINNIA, Giants of California—Astounding in size, magnificent af farm. Many beautiful colors. Particularly fine for cutting. (Also see Front Cover.) Packet, 10c.

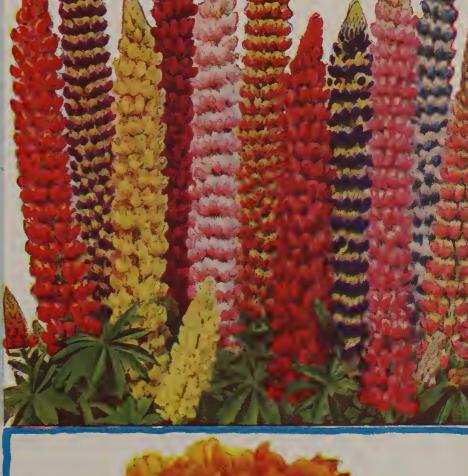
CALENDULA, Orange-Shaggy—These deep, two-toned shaded arange, groceful, informal, shaggy flowers attract everyone. Long stems. All-America Aword, 1935. Packet, 20c.

ZINNIA, Lilliput—(Pastel Mixture) Lovely, soft shades. These small, neat, symmetrical flowers are lavish bloomers. Packet, 10c.

RUSSELL LUPINS—Lance-like roys of brilliant colors for your garden. A new development of Lupins from England. 10 seeds, 15c; 24 seeds, 25c.

MARIGOLD, Gigantea Sunset Giants—Delightfully fragrant, without the usual Marigold odor. Double, beautifully formed flowers frequently 71/2 inches across. Range fram primrase through several fine yellows to deep orange. Packet, 15c.





RUSSELL LUPINS



FOR YOUR CONVENIENCE

The capital letters after the name of each flower give you the following information:

(A)—Annuol
(B)—Biennial
(HP)—Hordy Perennial
(HHP)—Half-hordy Perennial
(TP)—Tender Perennial

● —Suited to Full Shade

◆ —Suited to Semi-shode

AGERATUM(A) ←—Easily grown plonts, densely covered with blossoms. Use toller sorts for cutting—dworfs for edging. (See Poge 14 for color illustration.)

Blue Cap—New, dwarf. The neat little plonts are campletely covered with blaoms from midsummer until frost. Wonderfully rich, deep blue. Pocket, 15c.

Foiry Pink—Soft rosy solmon pink blossoms that come when plant is only 11/2 to 2"—continuing until plant reaches its 5-inch maximum height. Pocket, 15c.

Blue Perfection—Compoct growth, 9 to 12 inches. Dointy lavender-blue flowers. (See Poge 14 for for color illustration.)

ALYSSUM (A) & (HP) — The frogrant annual sorts bloom almost continuously fram early summer until frost. For permonence in the border, plant the perennial varieties. Alyssum is easily grown in any good gorden soil.

Little Gem (A)—Groceful dworf plant, obout 6 inches. Clouds of haney-scented white blooms. Excellent for edging, or massing.

Carpet of Snow (A)—Finest edging plant. The moss of flat, rounded flawers farm a continuously blooming snow-white ribbon in the border. 4 inches.

Saxotile (HP)—Campact 9 inch plant, whose deep golden yellow flowers brighten the border in lote spring.

Mixed

AMARANTHUS (A)—Tall, robust, showy, with colared faliage. Likes hot sunny sites, lean soil, and plenty of room.

Tri-color (Joseph's Coat)—Inner foliage bronze, outer gold and scarlet.

ANCHUSA (Blue Bird) (A) ♦—
Sprays of vivid indigo blue, forget-me-not like flowers. Plants ore compact, even, showy. Blooms all summer. A brilliant addition to your gorden. 15 inches.

ANTIRRHINUM (Snapdragon)
(A) ♦—Sow early. They germinate slowly and require full sun. A hardy annual, with a gorgeaus range of color. Keep seed pads picked and they bloom oll summer in fragrant spikes.

California Giants—Large showy spikes. 3 feet. Packet, 15c.

Celestial — This impressive new Snapdragon won the All-America Award of Merit, 1938. A mojestic flower, with large, compact spikes. Unusuol salmon-rose, cleor and rich. Packet, 15c.

Crimson, Rose, Ruby, Copper, ond other individual shodes.

Dwarf Mixed—About 16 inches.

Giant Rust-proof Mixed—Fomous winner of the All-Americo Aword for immunity to destructive rust. Vigorous long-blooming lorge flowers, in a fine color assortment. (See Poge 9 for color illustration.) Pocket, 15c.

Toll, Finest Mixed—Extremely interesting colars.

AQUILEGIA (Columbine) (HP)

→ A delightful perennial easily grawn from seed. Sow in flots in early summer, transplont to bed in eorly fall. Prefer light shade and not too rich soil. Blooms in spring ond eorly summer in a wide ronge af both brilliant and pastel colors. 2 ta 4 feet. (See Poge 9 for color illustration.)

Double Mixed Single Mixed



ASTERS (A)—Universally populor, the mainstay of the garden in late summer. Involuable for cutting or bedding. Need rich new sail and good sun. $1\frac{1}{2}$ to $2\frac{1}{2}$ feet.

American Branching — Mixed — large, dauble flowers.

Enchantress—A new wilt resistant improvement of the Crego type, with long petals curled back at

bloom, with curled, twisted chrysonthemum-like petols. Blooms abundantly. Branching, 24 inch plants. Fine long stems. All the delightful aster colors. (See Page 9 for color illustration.)

Giont Peony Flowered—A fully double giont, wonderful for cutting. Keeps well. Excellent stems. Delightful ronge of colors. Pocket, 15c.

Improved New California Gionts
—Mixed and in a variety of colors. Packet, 15c.

Queen of the Morket—The early fovorite. Spreading. 16 inches high. Mixed colors.

Super Giont El Monte—One of the most populor new osters, resembling Los Angeles, in shape, size and feathery form. Glowing crimson. All-America, 1936. Packet. 25c.

Super Giant Los Angeles—Huge shell pink flowers, frequently 8 inches ocross on fine stems. Plants about 30 inches and hove excellent stems. Curling interloced petols. Packet, 25c.

BABY'S BREATH — See Gyp-sophila.



BACHELOR'S BUTTON or CENTAUREA (Cornflawer.) (A) — Hordy, rother thistle-like flowers, fine for cutting and border plant-

FLOWER
SEEDS
10¢
PER PACKET
except where
otherwise noted

All

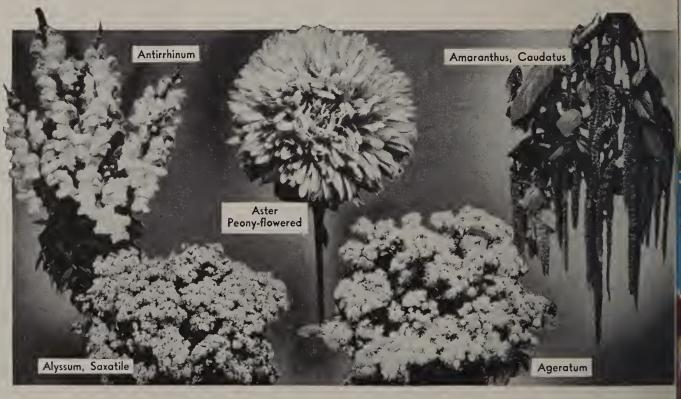
Smoll white flowers ore followed by interesting bolloon-like seed pods. Best in light soil. Five to ten feet.

BALSAM (Lady Slipper) (A) ←
—A fovorite old time onnuol.
Hordy, bushy plants 18 inches
high. Wonts partiol shade and
plenty af moisture. Flawers on
short stems, sometimes two inches
ocross. Blooms for sixty doys.

Double Mixed—A pleosing color range.

BEAN (Scorlet Runner) (A)— An edible scorlet ond purple beon. Quick growing, beoring large sprays af scorlet colored peo-like flowers.

BELLIS PERENNIS (English Daisy)
(B) ♦—Delightful little button-like flowers, loved for their bright



the tips and somewhot entwined in the center of the flower. Pleasing pink with an undertone of rich salmon. All-America Selection, 1938. Packet, 15c.

Giont Comet Illusion—A beautiful flower af its type, with a fine creamy salmon-pink color. Wiltresistant. Packet, 15c.

Giont Comet—Mixed, and in a variety of colors.

Giont Crego — Immense fluffy

ing. Bloom from early summer until hard frost.

Blue—Universal favorite.

Jubilee Gem—(See Page 4 for description and color illustrotion.)

Mixed — Blue, white, maroon, pink, red.

BALLOON VINE (Love-In-A-Puff) (A)—Quick-growing, hordy, on-nuol climber. The delicate foliage is an ideal cover for fences, etc.

color, long seoson, and protuse bloom. Standing on stiff stems above the leafy base. 6 to 8 inches.

Mixed—In many colors.

BLANKET FLOWER—See Goillardia.

BLUE LACE FLOWER (Didiscus) (A)—Exquisitely dainty clusters of lavender-blue flowers that look like tiny parosols. Fine for cutting. Does best in cool locations.







*10 worth of flowers for 10¢!

You get the world's greatest bargain when you buy a packet of flower seeds!

Just think of what you get for a few pennies! Dollars worth of flowers—plus the immeasurable pleasure of creating beauty with your own hands . . . making your home more livable, and increasing its value.

Invest pennies and get DOL-LARS of beauty value in return!









BRACHYCOMBE (Swan River Daisy) (A)—Most of the summer this dwarf-growing annual is covered with a mass of dainty blooms that resemble small cinerarias. For small beds, edgings or pot culture. Plants 12 inches tall.

BURNING BUSH or FIRE BUSH
—See Kochia.



CALENDULA (Pot Marigold) (A)—The brilliant color and informal shape of this flower make it popular. Too, they require little care and thrive even in poor sail. Plants 18 inches high, delightfully showy.



Campfire Improved—(See Page 6 for description and color illustration.)

Orange Fantasy — Distinctive, new, rather dwarf and heavily foliaged. Flowers are a delightful orange with a seal-brown crest of petals. 1938 All-America Award of Merit Packet, 15c.

Orange King—Extra fine, dark color. Large bloom.

Orange Shaggy—(See Page 7 for description and color illustration.)

Radio Rayal or Marigold—Rich orange, quilled petals, fine full flowers. These almost globular, perfect double flowers are striking in any garden.

Sunshine or Chrysantha — Fine, loose petals of an unforgetable buttercup yellow color. The plants are tall, imposing, and bloom freely. All-America Gold Medal winner.

Mixed—A profusion of orange and yellow shades.

CALIFORNIA POPPY — See Eschscholzia.

calliopsis (Tickseed)—A gay annual in bright varied combinations of yellows, orange, browns, and maroons. Long wiry stems for cutting. Easy ta grow; bloom all summer. 2 feet. (See Page 9 for color illustration.)

Mixed—A great variety of color combinations.

CAMPANULA (Canterbury Bells)
(A) ♦—A brilliant old time favorite with colors ranging through whites, pinks, blues and lilac. Adaptable and thrifty, but enjoys good soil, too. The size of the plant varies, mostly around 2 feet.

Cup-and-saucer Types—Mixed.
Single Mixed

CANARY BIRD VINE (A) ←—
The flowers somewhat resemble
a bird with half opened wings
and are a fine canary yellow.
Grows rapidly. Climbs well. A
fine cut flower.

CANDYTUFT (A) — Excellent in large masses or for borders. Grows quickly. Successive plantings should be made about every two weeks to assure continuous bloom. 12 inches.

White Hyacinth—Large spikes of bloom.

Umbellata, Mixed — A splendid color range.

CANTERBURY BELLS — See Campanula.

CARDINAL CLIMBER (A) — Rapid climber — sometimes to thirty feet—with fern-like foliage and a blaze of cardinal red tubular flowers.

CARNATION (A)—Spicy scented, richly colored favorite. With care and favorable conditions greenhouse quality flowers may be produced in the apen garden.

Chaubaud's Giant—Double, extra large, clove-scented flowers. Bloom six months after seeding, and continue all summer.

Giant Marguerite—Highly scented, large, beautifully fringed flowers, sometimes 3 inches across. Good for cutting. Upright, free blooming plants. White, crimson, pink and several striped forms.

Mixed

CASTOR BEAN (Ricinus) (A)
—The broad tropical leaves and
brilliant colored fruit make a
splendid, interesting background.
Average height 6 feet. Needs

good soil, ample sun and moisture.

CELOSIA (Cockscomb) (A)— These graceful blossoms make a striking display and give brilliant, long lasting bloom for cutting. The variety of types is always interesting. For either beds or borders, 2 feet.

Plumosa—Feathered Cockscomb. Mixed. (See Page 12 for color illustration.)

Childsii Crimson — (Chinese Woolflower.)

Cristata—Mixed.

Pyramidialis, Flame of Fire—Fine dwarf type, fiery red.

CENTAUREA (Cornflower) (A)
—One of the most popular of all garden flowers. Free blooming, easily grown. Excellent for either bedding or cutting.

Imperialis—Sweet Sultan.

Cyanus—Bachelor's Button.

Double Mixed—Fluffy balls. Alsa see Bachelor's Button.

CHERRY PIE—See Heliotrope.

CHRYSANTHEMUM (A)—Make a splendid display, and are excellent for cutting. Pleasing color range. About 2 feet.

Single Mixed—Daisy-like flower.

Double Mixed—Many good colors.

CLARKIA (A) ← — Graceful, erect, bushy plants, bearing many rosette-like delicately colored flowers, set along the stems. Good cut flower.

COLEUS (A)—An excellent foliage plant that does well indoors, and can be transplanted outdoors when warm weather comes. Unexcelled far barders and window boxes. Vari-calored leaves in shades af green, red, and yellow. When outdoors, likes partial shade. Packet, 15c.

COCKSCOMB—See Celosia.

COLUMBINE—See Aquilegia.

CLOVER STRAWFLOWER—See Gomphrena.

COREOPSIS (HP)—These graceful, daisy-like flowers with their broad fluted petals are a "must" for every garden. Long stemmed, wonderful for cutting. Glossy, rich yellow. Long blooming season.

Lanceolata Grandiflora — Long blooming. Lovely yellow flowers on long stems.

Sunburst, double—Packet, 15c.

CORNFLOWER—See Bachelor's Button, alsa Centaurea.

COSMOS — With their feathery foliage and wealth af bloom through late summer and autumn, Cosmos are one of the most valuable annual garden flowers. Wonderful for cutting, and arranging.

Early Giant Flowering—5 to 6 feet.

Early Single—Weeks ahead af most.

All
FLOWER
SEEDS
10¢
PER PACKET

except where otherwise noted

Orange Flare—This outstanding All-America winner is early flowering and grows into a fine bushy plant three feet high. The stems are long and wiry. The petals are rich, deep orange, sometimes 2½ inches across. (See Page 12 for color illustration.)

Sensation—1933 All-America Selection. Largest, and earliest of the mammath flowering varieties. The plant is 4 feet tall, bearing flowers up to 5 inches across.

Single Mixed.

Sensation Pinkie—(See Page 6 for description and color illustration.)

Double Mixed — Bushy plants, long stems. (See Page 12 far color illustration.) Packet 15c.

CUPHEA FIREFLY (A) — (See Page 6 for description and color illustration.)



DAHLIA (TP) — Usually grown from roots, but interesting to raise from seed. Will sometimes bloom the same year if sown early.

Double Mixed—Vivid colors, double flowers. Packet, 15c.

Single Mixed—Favored by many. DAISY, AFRICAN—See Arctotis.

DELPHINIUM (Perennial Larkspur.) (HP) ←—Long floral spikes, in glorious shades of blue. Excellent for backgrounds. (See Page 12 for color illustration.)

Belladonna (Light Blue) — Delightful silvery-blue. Blooms profusely. Packet, 15c.

Bellamosa (Dark Blue) — Rich, intense, deep blue. Packet, 15c.

Blackmore & Langdon English— Tall, graceful spikes, abundantly covered with flowers. Pastel shades, ranging from light blue to indigo. One af the best delphinium.

Mixed. Dark Blue. Light Blue.

WE CAN GET IT FOR YOU!

If there is some rare or unusual flower variety you can't find listed in this book... just ask us for it.

We'll get it for you!

DIANTHUS (Pinks) (A)—Spicy, fragrant and showy. At home in beds or borders. Faithful bloomer. Fine for cutting.

Double Mixed—Fine variety of forms.

Single Mixed—Wide and varied colar display.

Heddewigi—The large Japanese pink.

Laciniatus Splendens—A striking, showy Dianthus with few equals for edging or border use. The flowers are single, sweet scented, and large. Brilliant crimson with a vividly contrasting large white eye. Easily grown and blooms profusely. (See Page 9 for color illustration.)

EUPHORBIA—See Snow-On-The-Mountain.

FORGET-ME-NOT (Myosotis) (HP) → Well-known fovorite, adapted to either beds or borders. Start early for flowers first season.

FOUR-O'CLOCK (A)—Red, yellow, rose, white and lilac blossoms that spreod over the glossy foliage in mid-afternoon. Lowgrowing plants suitable for low hedging.

FOXGLOVE (Digitalis) (B) ←—
These tall spires bring the charm
of an old fashioned garden, giving a wealth of brilliantly colored
flowers with little attention. Like
half shade.



GAILLARDIA (Blanket Flower) (A) — Gay, showy blossoms in tones of orange, yellow, red, and maroon brighten the garden all summer. About 18 inches.

Monarch Mixed—(See Page 14 for color illustration.)

Single Mixed—Many fine colors.

Double Mixed—Full blossoms.

Perennial Mixed

GEUM—Flowers like tiny double roses, on long stems, poised over

GOURDS (A) — Valuable for their fine foliage, these climbers provide an interesting variety of attractive, singularly shaped fruits and can always be counted on for pleasant surprises.

Ornamental Varieties—Mixed.

GYPSOPHYLA (Baby's Breath) (A)—The misty bloom is excellent for cutting and adds interest ta a bouquet. It is easy to grow and a generous bloomer.

Rose—Pleasant blush pink.
White—A pure stroin

HELIANTHUS—See Sunflower.

HELIOTROPE (Cherry Pie) (TP)
—Clusters of dark blue to deep
violet flowers against dull green
foliage make this rapid grower
most effective. Start early for
fine flowering plants all summer.



HOLLYHOCKS (HP) ←—Effects not obtainable with other plants are possible with these fine tall, showy plants. Rich, full spikes, ideal for backgrounds. 5 to 7 feet high.

Double Mixed—Full, close bloom.



LARKSPUR (A) — Handsome, long clustered floral spikes, beautifully set off by feathery, soft green foliage. Long blooming season. Most effective as a background for borders. (See Page 12 for color illustration.)

Blue Spire—The most desirable blue. Packet, 15c.

Dark Blue—Packet, 15c.

Exquisite Pink

Rosamond—Pocket, 15c.

Single Mixed — Excellent color

Stock Flowered, Mixed—Dauble varieties in full range of colors. White Spire—Desirable for cutting. Packet, 15c.

LATHYRUS LATIFOLIUS — See Perennial Sweet Peas.

LINUM (Scarlet Flax) (A) ♦—
These brilliantly colored flowers
deserve a place in the home
garden. The life of the individual
flower is short, but blooming season can be prolonged by successive sowings.

LOBELIA—Crystal Palace (A) ♦
—Small round compact plants,
which form attractive little
mounds of bloom, with rich, deep



Sweet Wivelsfield, New Hybrid
—Unusual China Pink. (See
Page 12 for color illustration.)
Didiscus—See Blue Lace Flower.

DIGITALIS—See Foxglove.

ENGLISH DAISY — See Bellis Perennis.

ESCHSCHOLZIA (California Poppy) (A) — For richness of color and pleasing simplicity of form these flowers have a few equals. Reds, gold, orange, scarlet, chestnut, pink, and a full range of poppy colors.

a tufted plant. Prized for cutting. 2 feet.

Mrs. Bradshaw, Scarlet — Large, dauble, orange-scarlet.

GODETIA (Satin Flower) (A) ♦
—Rich, sotiny, azalia-like flowers, especially suited to partial shade.
Will thrive in rather poor soil.
Fine range of colors. 12 inches.
Single Mixed—Profuse and showy.

GOMPHRENA (Clover Straw-flower. (A)—A true bachelor's button that may be dried for winter bouquets. Thrives well in pots and is equally effective in the border.

Double Scarlet Beauty—Beautiful, gleaming rosette-like flowers. (See Page 9 for color illustration.)

Single Mixed—Choice color assortment.

IPOMOEA—See Morning Glory.

KOCHIA (Burning Bush or Fire Bush. (A)—A close, compoct, bright green pyramidal bush with moss-like foliage that turns to brilliant red in the fall. Reaches about 21/2 feet, excellent hedge plant.

LADY SLIPPER—See Balsam.

blue flowers and dark foliage. 4 inches.

LOVE-IN-A-MIST (Nigella) (A)
—A pleasant mixture of clear
cornflower-blue and white. This
is an easily grown, compact, free
flowering plant. Admired for its
mist-like foliage and curiously
shaped seed pods.

Mixed

LUPIN (A) ♠ —Easily grown, hardy plant with long graceful spikes of richly colored flowers. Equally valuable for bedding, borders, or for cutting. Profuse bloomers, attaining a height of 2 feet.









Bring your gardening troubles to us!

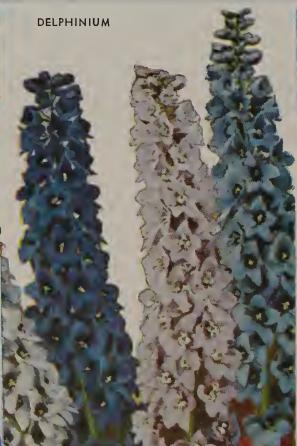
It may be your lawn . . . those troublesome spots where grass simply won't grow.

Or perhaps you're not quite sure what kind of fertilizer your border needs . . . or what to do about those peculiar little bugs that found a home in your aster bed last season.

No matter what's troubling you, just drop in and talk it over with us. Our experience and knowledge is yours for the asking. We can help you.









FLOWER SEEDS 10¢ PER PACKET except where otherwise noted

Russell Lupins—(See Page 7 for color illustration and description.)

Annual Mixed — Free flowering, showy spikes of closely clustered solid blooms. Rose, white and blue.

Perenniol Mixed — They succeed well almost anywhere, and during May and June, provide an abundance of gloriously colored long spikes in various colors.

Tarigold

MARIGOLD (A) — When most other plants have passed their prime, this bright colored annual is still blooming profusely. The Marigold has been improved more than any other flower family in the past few years.

Burpee's Gold — Sweet-scented, glowing golden Marigolds. The double blooms are extremely large, and resemble glorious, deep orange Carnations. Completely odorless.

Crown of Gold—Odorless.—(See Page 4 for description and color illustration.)

Dixie Sunshine—A fine carnation type of bloom of golden yellow and without odor. They are 100% double, long lasting and late blooming. The 2-inch flowers are each a head of tiny five petaled flowers. Plant is 3 to 4 feet tall. All-America Selection, 1936. Packet, 15c.

Double Dwarf French Harmony— (See Page 6 for description and color illustration.)

Dwarf Royol Scot—(See Page 4 for description and color illustration.)

French — Long blooming, tall plants. Double, with an excellent color variety, including the interesting striped variations.

Giant African — Dense, hardy bushes averaging 30 inches in height, with finely cut, bright green foliage, and globular blooms that often are three inches in diameter. Brown, orange, and lemon shades predominate. Very easy to grow.

Gigantia Sunset Giants—Odorless. (See Page 7 for description and color illustration.)

Golden West — All-America Selection, 1938. Packet, 15c.

Guinea Gold—Magnificent, tall brilliantly golden flower, with carnation-like petals. Plants bear an abundance of well rounded, double and semi-double blooms.

Yellow Supreme—This fine new Marigold is delicately sweet scented. The rich, pure yellow blooms measure nearly three inches. Keeps fully a week to 10 days when cut.

MIGNONETTE (Sweet Scented) (A)—Once again this old, old, favorite returns to popularity. It is especially desirable for its richness and fragrance. Long blooming, ideal for cutting.

MORNING GLORY (A)—Rapid, annual climbers, with dense foliage. The range of delicate colors offered in these varieties add much to their value.

Heavenly Blue — Quick-growing, vigorous climber with extremely large blue flowers. Long blooming season. (See Page 15 for color illustration.)

Large Mixed—New sorts in a delightful assortment of colors.

Scarlett O'Hara—(See Page 4 for description and color illustration.)

MOSS ROSE—See Portulaca.

MOURNING BRIDE—See Sca-

MYOSOTIS—See Forget-Me-Not.



NASTURTIUM (A) ←—No other garden flower gives so much satisfaction as this hardy, easily grown annual. Thrives in soil other plants would scorn. Vivid in coloring, the abundant blooms stand upright on firm stems. Fine for cutting and mass planting.

Double Glorious Gleam Hybrids
—Beautifully formed, sweet scented blossoms, with splendid long stems. Of compact habit with short runners. Wide variety of colors.

Dwarf Mixed — Compact, gemlike plants in many colors.

Golden Gleam—Fragrant, double, gleaming gold blossoms.

Salmon Gleam—Delicate salmon.

Scarlet Gleom — Fiery, brilliant

Tall, (Troiling) Mixed—Wonderfully adapted to covering fence or trellis, or to droop from window boxes.

NICOTIANA (A) ← The fragrant, long tubed, petunia-like blossoms pour full, rich, spreading fragrance over the garden every morning and evening.

NIGELLA — See Love-In-A-Mist.

PAINTED TONGUE — See Salpiglossis.

PANSY—One of the oldest and greatest favorites of all garden flowers. Start seed early indoors and transplant after danger of frost has passed. Plant outdoors early for late blooming.

Giants Mixed—Collection of the richest colors and markings known in Pansies.

Swiss Giants — Outstanding and unusual. Long stems, especially suited for cutting. (See Page 14 for color illustration.) Packets, 15c and 25c.

Trimardeau—Compact, profusely blooming plants fine for bedding or cutting. Complete range of desirable colors.

All Colors, Mixed and in Vorious Individual Colors

PERENNIAL LARKSPUR — See Delphinium.

PERIWINKLE—See Vinca.



PETUNIA (A)—These prolific annuals lend themselves to many uses. Massed in beds, they make a sea of color. For window boxes or borders, they are unequalled. Profuse bloom is continued all summer and the first frost still finds them gallantly holding their own.

Balcony Petunia — This variety produces longer, more spreading plants than the bushy sorts. Good for window boxes, or where an over-hanging effect is desired.

Balcony Red

Balcony Blue
Balcony White

Balcony Rose

Balcony, Mixed

Burgundy—Large purple or carmine flowers, with white throats and violet tube. Packet, 15c.

Dainty Lady—(See Page 7 for description and color illustration.)

Dwarf California Giants—Gorgeous flowers in a wide color range. Plant is dwarf, but blossoms are very large and excellent. Packet, 25c.

Flaming Velvet—(See Page 6 for color illustration and description.)

Goiety (Single)—1938 All-America Selection. Dwarf plant bearing double, giant, fringed flowers in exquisite shades of rose, to light rose-red with fine white colorings. Packet, 50c.

Giants of California—(See Page 6 for description and color illustration.)

Giant-Flowered Ruffled Varieties
—Prized for their extraordinary size and beautiful ruffled edges. Fine selection of colors. Packet, 25c.

Martha Washington Dwarf—This 9 inch plant forms a perfect ball almost entirely covered with lovely large, frilled flowers. Blush-



pink edges with strong wine-red veins, dark violet throat. Packet, 25c.

Rose Gem—Bright rose. Neat, compact 6-inch plants. Packet, 15c

Rosy Morn—Beautiful pink, white throats.

Rose of Heoven—Rich, brilliant rose.

Salmon Supreme—distinctly new. Compact, bushy plant, about 12 inches. Light salmon shading to pure white in the throat. 1938 All-America Selection. Packet,

Single Bedding, Mixed—Collection of all the desirable colors.

ELEVEN SPECIAL SELECTIONS—EACH ONE A SURE













We can get it for you!

If there is something you want for your lawn or garden — and you don't find it listed in this book — JUST ASK US and we'll get it for you gladly, and promptly.

It may be a rare variety of flower seed . . . or some special garden supply . . . or perhaps you only want our advice. But in any event -just ask us! We want you to think of us as your permanent headquarters for all garden needs.





SOURCE OF DELIGHT





for the Rock Garden

The beauty of all growing things depends largely on the naturalness af their setting. So there's na better way to recapture the simple loveliness af Nature's true backgraund for many types of plants and flawers—than with a well-planned, carefully planted

Thraughout the pages of this catalog, yau'll find listed all of the well-knawn popular varieties of seed you'll want far yaur rock

And you'll want to plant plenty af them! Because to be truly beautiful, a rockery must be literally covered with plants and blaams. If it is sparsel; planted, the effart and wark spent to create the kind af delightful waadland spat Nature sa generaus-

Dan't averlook the value of low-grawing annuals for rack-garden planting. They fill in, and give you a wealth of bloam while your slower, permanent plants are developing.

If you can't find a variety you want for your rock garden listed in the catalog—just ask us.



All FLOWER SEEDS 10¢

PER PACKET

except where otherwise noted

PHLOX (A) — For a brilliant variety of bright, fresh calorings in the garden, plant Phlox. The sturdy plants thrive in almost any kind of soil, and flower freely during the entire summer.

Drummondi, Mixed—A universal favorite. Large, individual blossoms and heads. In a mixture of all the brilliant colors, and whites.

Drummandi—in various individual shades.

Dwarf Mixed—Compact, symmetrical plants for bedding, edging, or borders. 6 to 8 inches. All the gay and soft colors.

Gigantea Art Shades — Very large flowers, in many lovely pastel shades, that are entirely new among Phlax. An All-America Selection. Packet, 15c.

POPPIES (A) (HP) — For a showy, brilliant effect, Poppies are unsurpassed. Very hardy, will grow freely in almost any garden soil. Equally good in clumps or beds.

Califarnia—See Eschoscholzia.

Dauble Mixed (A)—Large, double flowers in many beautiful pastel colors.

Emperar—Giant flowered Iceland Poppy, extremely large flowered, brilliant orange. (See Page 9 for color illustration.)

Iceland Mixed (HP)—Graceful, with neat habits. Bright green, delicate, fern-like foliage. Abundant bloom of brilliant flawers, fine for cutting. Blooms first year.

Oriental (HP) ◆ — Few flowers make such a gorgeous shaw of riotous colors as this extraordinary Poppy. The huge, red blossoms often are six inches across. Against the green foliage, they always furnish a garden high spot.

Single Mixed (A)—Splendid mixture of many colors and free blooming single flowers.

Shirley Mixed (A) — Artistically ruffled edges on the large bloom. A delightful assortment of colors with scarcely any two flowers alike.

PORTULACA (Moss Rase) (A)
—These showy annuals need a
sunny location and thrive best
in light soil. Give an unforgettable display of colors. Fine for
mass plantings, edgings.

Dauble Mixed

Single Mixed

POT MARIGOLD — See Calendula.

PYRETHRUM (HP) ←—A showy, hardy perennial that has its place in every well-planned garden. Plants bloom abundantly. A fine color range. Mixed.

RICINUS—See Castor Bean.

SALPIGLOSSIS (Painted Tongue) (A)—Large, lily-like flawers, velvet-textured, in many bright and gaudy colors. 2½ to 3 feet plants, blooming from June until frost. Likes a sunny location. (See Page 14 for color illustration.) Mixed.



SALVIA (A) — An indispensable plant for bringing rich, brilliant color into the garden. Used for bedding, barders, or individual specimens. (See Page 14 for color illustration.)

for cutting—keeps almost a week. (See Page 14 for description and color illustration.)

Imperial Giants, Blue Moan — (See Page 4 for description and color illustration.)

Mixed

SCARLET FLAX-See Linum.

SCARLET RUNNER—See Bean, Scarlet Runner.

SNAPDRAGON — See Antirrhi-

SNOW-ON-THE-MOUNTAIN (Euphorbia.) (A)—The foliage is beautifully edged with white. Excellent for cutting. Above 2 feet.

STOCKS (A) — Unlimited charm and diversity of calor. One of the most abundantly blooming annuals. Good for bedding, or pot culture.

Ten Week Stacks—Double rosette-like blossoms on fine sturdy stems in a brilliant range af diverse colors. May be potted, and taken indoors before frost.

Evening Scented — Delightfully fragrant with an excellent range of colors.

Beauty Mixed

STRAWFLOWER (Helichrysum)
(A)—Handsome when growing autdoors, and when dried make brilliant winter bouquets for the

SWAN RIVER DAISY—See Brachycombe.

SWEET WILLIAM (HP) ←—Free flowering with beautiful large heads of bloom. Rich, fine colors. (See Page 17 for color illustration.)

Single Mixed — Gayly colored, disc-like flowers with interesting markings and combinations.

Dauble Mixed—Similar to the single sarts, but covered with dainty, double blossoms. While not quite as showy as the single kinds, the period of bloom is longer. Wide assortment of colors.



SWEET PEAS (A)—These lovely garden favorites need well-fer-tilized soil. Water frequently on warm days.

Early Flawering, Mixed—The finest extra early sorts. (See Page 17 for color illustration.)

Early Flawering Spencers—Developed particularly for outdoor planting during winter months in the warmer climates, but also used in cooler areas where they bloom 2 to 3 weeks earlier than the summer flowering but not so



Banfire — Brithant red flower spikes on aund, symmetrical plants. Rather dwarf.

Splendens /Scarlet Sage)—Beautiful bright scarlet. (See Page 14 for color illustration.)

SATIN FLOWER—See Godetia.

SCABIOSA (Maurning Bride)
(A)—Dense heads of exquisitely colored, irregular flowers. Fine long stems. An invaluable flower

house. Amazing assortment of soft and vivid colors. (See Page 12 for color illustration.) Mixed.

SUNFLOWER (Helianthus) — Stately, well loved old favorites. For backgrounds, or general coverage of unsightly places, they are unsurpassed because of their size and brilliancy.

Dauble Mixed Single Mixed continuously. (Mixed, and in a variety of colors.) (See Page 17 for color illustrations.)

Ruffled Giant Spencer — Strikingly beautiful, unusually delicate in coloring. Perfectly formed, vigorous. In various individual shades and mixture.

Summer Flowering Spencer—Gigantic, beautifully formed blos soms. In various individual shades and mixture.













Hower Grower's Guide

FLOWER	Height of Plants (Inches)	Space Between Plants (Inches)	Annual or Perennial	Average Germinating Period-Days
Ageratum Alyssum, Sweet Aster Calendula Calliopsis Campanula Centaurea Chrysanthemum Coreopsis Cosmos Dahlia Delphinium Forget-Me-Not Four O'Clock Gaillardia Gypsophila Hollyhock Linum (Flax) Lupine Marigold Mignonette Nasturtium Pansy Petunia Phlox Poppies Salvia Sunflower Sweet William Verbena	6-18 3-9 12-30 12-24 10-18 12-50 12-24 24-36 18-30 36-60 36-60 30-48 8-12 18-24 12-18 12-18 36-60 10-15 30-48 10-24 12-18 6-60 6-12 10-18 12-30 10-18 12-30 10-18	(Inches) 6 4 9 6-10 6-8 8-12 6-12 12-18 6-12 18-36 12-24 4-6 8-12 6 6-10 12-18 4-8 12-18 6-8 6-12 4-8 12-1 4-8 12-1 6-8 6-12 6-8 6-12 6-10 12-1 6-8 6-10 12-1 6-8 6-10 12-1 6-8 6-10 6-10 12-1 6-8 6-10 6-10 12-1 6-8 6-10 6-10 12-1 6-8 6-8 6-10 6-10 6-10 6-10 6-10 6-10 6-10 6-10	Perennial AAAA APAA PAAA PAAA PPPA AAAA AAAA AA	14 10-20 8-12 14 14 14 15 11-18 21 14 10 15-21 14 15-20 10-14 21 20-25 10 8 14 14 10 10-14
Zinnia	10-3			

NOTES

A necessity. Try the pinks. Dwarf forms for rockery.

Try taking them indoors in fall. As good in house as in garden.

Try taking them indoors in fall. As good in house as in garden.

Like a little shade. Don't over-water or crowd. Keep flowers cut.

Happy in hot or cool weather, full sun or semi-shade.

Easy to grow. Deserves more attention.

Also known as Bellflower, Harebell or Bluebell.

Also known as Bachelor's Button or Cornflower.

Also known as Bachelor's Mums from seed, be sure to try it!

If you have never grown Mums from seed, be sure to try it!

Not easy to transplant. Cut flowers last well.
Cultivate frequently. Pinch back to make bushy.
Needs well-drained soil. Drive stakes before planting.
Need sun, good air, circulation and rich, light, alkaline soil.

Give moist location and partial shade.
Children love them. Need sunny place.
Stands mild frost. Does best in full sun and well-drained soil.
Almost any soil or location will do.

Colonial houses must have them. Others should, too.
A necessity for rock garden. Good for sunny border.
Not easy to transplant. Moist, sunny location.
Varieties for almost any purpose—border, bed, or cutting.

New forms re-winning its former popularity.
Watch for aphids. Spray with contact insecticides.
Not too much sun; not too much shade. Keep flowers cut.
Pinch to make bushy. Like leaf-mold in soil.

Top-mulch with peat in dry weather.

Difficult to transplant. Like sun and well-drained soil.

Need sun. Vivid colors, good against dark shrub background.

Get acquainted with the newer varieties.

Should be treated as a biennial.

Almost any soil, but best in light, moderately fertilized loam.

Don't need much help, but fertilizing every few weeks works wonders.

All FLOWER SEEDS 10¢ PER PACKET

except where otherwise noted

Perennial Sweet Peas (Lathyrus Latifolius)—Sturdy vine with luxuriant pea-like foliage, bearing large clusters of waxy, handsome flowers—also pea-shaped. The vine is well adapted to scrambling over rocks, and rugged spots, but can be trained to a support.

TICKSEED—See Calliopsis.

TITHONIA SPECIOSA GRANDI-FLORA (Fireball) (A)—Dazzling scarlet, large single flowers. Plants are very tall, but neat. Brightest possible flower for fall use. (See Page 15 for color illustration.)

VERBENA (A)—Favored alike for cutting and for display. Free blooming, with very large and colorful heads. (See Page 17 for color illustration.) In a wide variety of individual shades and mixtures.

Mammath mixed and in a variety af individual shades.

VINCA (Periwinkle) (A)—A very for desconnamental and highly satisfactration.)

tory bedding plant. Long flowering, with brilliant green foliage.

Mixed.

wallflower (HHP)—A lovely early spring bloomer. The fragrance is very pleasing, and the blossoms develop startling colors. A fine selection of shades. Mixed.



ZINNIAS (A)—Showy in appearance, and dramatically brilliant in color. Zinnias are undeniably one of the best loved, and most satisfactory of all garden annuals. For cutting purposes, they are unsurpassed. Easy to grow, thriving under almost any conditions.

Dahlia Flowered (Mammoth)— The artistic pastel colors, and almost perfect dahlia-like form of these varieties make them greatly desired. (See front cover for color illustration. Mixed and in a variety af individual shades.

Dwarf Dauble Mixed — A selection of the more desirable kinds and colors, sometimes called the "Cut-and-Come-Again" type. Equally good for bedding and cutting. Plants are compact, about 2 feet high.

Fantasy Mixed — The new and delightful variety that has won nation-wide popularity—in a mixture of unusual colors. The flowers are great masses of ray-like, twisted petals. (See Page 15 for color illustration.)

Fantasy Star Dust—(See Page 4 for description and color illustration.)

Giants of California (Mammoth)
—Mixed and in a variety of individual shades. (See Page 7 for description and illustration—also front cover.)

Lilliput—(See Page 7 for description and color illustration.)

Linearis—One of the most interesting and unusual newer dwarf Zinnias. Single, golden-orange flowers, lemon yellow stripe through each petal. Brown centers. (See Page 17 for color illustration.)

Midget Tam Thumb — Because they are as charming as they are new, these miniature Zinnias are certain to enjoy growing popularity. The colors include all the best and most desirable Zinnia shades. The compact little bushes are only 6 to 10 inches high, and the tiny blooms are perfect doubles.

Navaja Mixed—(See Page 4 for description and color illustration.)

Pastel Mixture—(See Page 7 for description and color illustration.)

Pumila Picotee Delight (Salmon Rose)—Diversified markings and shape. Lovely color. (See Page 14 for color illustration.)

Red Riding Haad Dwarf—As delightful as the fairy tale, these little flowers make friends immediately.

Scabiaus Flowered—An interesting new Zinnia resembling a Scabiosa. Large semi-globular crown, surrounded by a fringe of petals. The colors have delightful variety, and there are many charming contrasts between the colors of the fringes and the central crowns. (See Page 14 for color illustration.) Packet, 15c.

THE FLOWERS ON THE FRONT COVER

The picture an the cover of this catalog is a natural, unretauched calar phatagraph. Its glarious Zinnias were caught by the magic of the modern calar camera just as they came from the garden . . . just as they can be grown in your garden.

Twa varieties of Zinnias are pictured . . . DAHLIA FLOWERED, and CALIFORNIA GIANTS. These are the largest blaaming Zinnias known. The full-color picture on the cover shows only a few af the marvelous, bright and pastel shades they came in.

The plants are tall, branch freely, and start to flower about 60 days after seed is sawn. They keep an blooming prafusely over a lang period if seeds are not allowed to form

Make a nate of these twa—right now—sa yau'll be sure ta enjay them in yaur garden this season.



Selected Vegetable Seeds GIANT STRINGLESS GREEN POD-Large, sturdy plants. Meaty, round pods, brittle and sparagus ity. Slightly flattened, oblong strictly stringless. Medium green seeds. 55 days. Large packet, 10c.



Asparagus, Mary Washington

ASPARAGUS, Mary Washington—Larger than original Washington. New, and rust resistant. Abundant producer with long, thick stalks and fine quality tight packed tips.

ARTICHOKE, Large Green Globe—The edible base of the scales is thick and fine flavored. Heads are large, round (slightly elongated) deep green.

eans

Green Podded, Dwarf, or Bush

BOUNTIFUL—An early, heavyyielding variety. Flat, light-green, stringless, but slightly fibrous pods. Yellow seeds. 49 days Large packet, 10c.

BURPEE'S STRINGLESS GREEN POD—Early, sturdy. Very meaty, round, medium green pods, fully stringless and fibreless. 50 days. Large packet, 10c.

DWARF HORTICULTURAL-Speckled Cronberry or Dwarf Cherry. For snap or shelled beans. Prolific and medium high. The pods are first green, then greenish-yellow and finally splashed with carmine. Oval, pinkish-buff seeds, spotted and streaked with maroon. 54 days. Large pocket, 10c.

pods, oval, yellowish-brown seed. 54 days. Large packet, 10c.

STRINGLESS GREEN REFUGEE -A late variety that bears heavily. The round, silvery-green pods are absolutely stringless, brittle and without fibre. Violet-purple seeds splashed with buff. 70 days. Large packet, 10c.

STRINGLESS BLACK VALENTINE—Hardy, disease resistant. Very productive on large, erect plants. Oval, $6\frac{1}{2}$ inch pods, dark green. Good flavor. 49 days. Large packet, 10c.

TENDERGREEN-Similar to Full Measure. Large, erect plants. Abundant, round, dark-green pods, strictly stringless and fleshy. Brown seeds blotched with light fawn. 54 days. Large packet, 10c.

Beans, Dry Shelled Varieties WHITE PEA or WHITE NAVY-The widely used commercial variety. The flat pods are tough and stringy. Seeds are small, round-aval and white. 90 days. Large packet, 10c.



Bean, Giant Stringless

Beans, Wax Podded, Dwarf or Bush Varieties

IMPROVED GOLDEN WAXhome garden favorite. Small, erect plants, moderately productive. The straight, thick, flat pods are creamy yellow and stringless. 51 days. Large packet, 10c. PENCIL POD BLACK WAX-

Big, stocky plants produce round, slightly curved pods. Fleshy ana golden yellow, stringless, brittle and fine flavored. Excellent qual-

ROUND POD KIDNEY WAX or BRITTLE WAX—Large, erect. vigorous plants. Medium yellow curved pods, crease-backed, entirely stringless, very brittle, fleshy and succulent. White, kidney-shaped seed with black eye. 58 days. Large packet, 10c.

SURE CROP WAX—Big, sturdy, praductive plants, popular with Thick, flat, home gardeners. golden-yellow stringless pods, brittle and fine quality. 53 days. Large packet, 10c.

Beans, Green Podded, Pole KENTUCKY WONDER or OLD HOMESTEAD — Strong climber, hardy, long-bearing. Curved, almost round pods. Slightly stringy, but brittle and fibreless. Meaty. 65 days. Large packet, 10c.

LONDON HORTICULTURAL or CRANBERRY—Widely used for snap and green shelled bean. Hardy, vigorous climber. Pods flat-oval and splashed with red, stringless and fleshy with little fibre. Large oval seed, buff splashed with red. 70 days. Large packet, 10c.

SCOTIA or NANCY DAVIS -Round pods become purplish at later stages. Fleshy and stringy. Seed medium areenish-buff with occasional blackish stripes. 72 days. Large packet, 10c.

WHITE KENTUCKY WONDER-Good climber, four to five feet. Silvery green pods, tender, meaty, stringless, fibreless. Good for dry shelled use. Flat-oval, white seeds. 64 days. Large packet, 10c.

Beans, Wax Podded, Pole KENTUCKY WONDER WAX-Very popular. Vígorous, good climbing plants, with waxy-yellow pods, flat and nearly stringless. Somewhat fibrous but meaty. Light chocolate brown seed. 68 days. Large packet, 10c.

Beans, Lima Dwarf or Bush BURPEE'S-Medium large plant. Pods contain three to four large seeds of excellent quality. 77 days. Large packet, 10c.

FORDHOOK—Straight pods with very plump, large beans af excellent quality. 75 days. Large packet, 10c.

HENDERSON'S—Known as Baby Lima, or sometimes Butter Bean. Plants small, early and bushy. 65 days. Large packet, 10c.

Beans, Lima Pole KING OF THE GARDEN-The pods are flat and smooth with four to five beans. The beans are white, large and flat. 88 days. Large packet, 10c.

VEGETABLE SEEDS

per large packet

Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire

STRING BEANS—are most delicious in their earliest stages, so always gather them when they are young and tender.

Too, the bearing season is prolonged when they are picked at frequent inter-

PEAS - should be picked when the pods are well filled out - but still crisp and bright green.

The Old Gardener says—

—do you know that garden Beans are the descendants of a wild plant that originally was a native of the American tropics?

The fine varieties of Beans we have for our use today are far removed from the original wild form. Since the earliest time, man has cultivated the bean, and has greatly modified and improved the species.

Garden Beans are now classified into two groups—the Dwarf or Bush sorts, and the Pole or Climbing kinds. The bush bean seems to be rather generally favored by the home gardener, because most varieties of this type mature 10 to 12 days earlier than the pole.

Exercise the greatest caution about cultivating or picking beans when the plants are wet with dew or rain. It is extremely possible to spread disease from plant to plant (if they are wet) with implements, or even clothing brushing past.

This nutritious vegetable is most delicious and tender if gathered when about two-thirds grown.

-about CABBAGE

Few crops pay back the cost of fertilizing as well as cabbage. Use a good commercial fertilizer that can be applied before planting—and your crop will richly repay your efforts and expenditure.

Cabbage only grows well where there is some moisture and coolness; it can not stand extreme dryness or heat. Soil moisture must be adequate and conserved by constant cultivation.

-about CARROTS

This delicious, health-giving vegetable is supposedly developed from a wild weed — which long ago farmers believed grew only on badly managed land. Many important vegetable root crops and ornamentals, including the lovely Blue Lace Flower, are developments from this supposed "wild weed" that only grew on waste land years ago.

For excellence of flavor you want young, tender carrots—and to get them you must have rich soil that will develop the roots fast. Slow growing, old carrots are only fit for stock feed.

—about PEAS

The first spring activity in the vegetable garden should be the sowing of peas. The low varieties can be planted as soon as the ground can be worked. Taller kinds about 10 or 15 days later.

The garden pea is rich in nutritious values, containing vitamins A, B and C.







-about BEETS

Beets are one of the easiest vegetables to grow. They do well in almost any kind of garden soil, but prefer a rich, sandy loam that is easily worked.

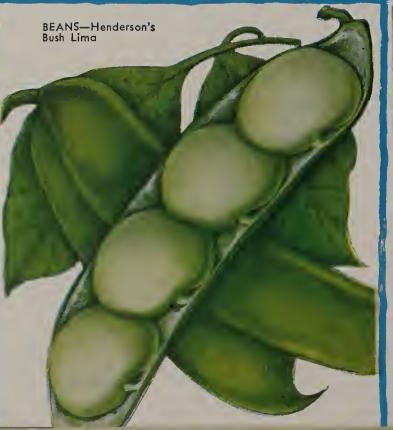
They are rich feeders, so the soil must be well fertilized in order to get the quick growth necessary for tender, juicy beets. Slow growth means tough roots.

It is always a good idea to sow beet seeds thickly, and then thin out the plants to allow proper root development. When plants are about 4 inches high, thin to 2 inches apart if you want many small roots, and to 51/2 inches if you want fewer and larger ones.

Make the rows 12 inches apart if you cultivate with a hoe, or wheel hoe. Cultivate deeply and often at first, but carefully, so the young seedlings will not be disturbed.

-about CUCUMBERS

The best soil for growing Cucumbers is warm, sandy loam—especially if it has a slight southward slope.





VEGETABLE SEEDS

10¢

per large packet

Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire

EARLY CABBAGE - doesn't keep well after cutting, so gather it as needed.

Generally speaking, it is advisable to pull the plants or break them off-but if the cabbage is cut just below the head so that several leaves are left on the stump — new small heads will form that may be cut and used as greens.

LATE CABBAGE—should be harvested as late as possible, the outer leaves trimmed off, and the heads stored for winter use.

BEETS

CROSBY'S EGYPTIAN-Extro early. Flottened globe shaped roots with smoll dark red tap root. Excellent quality, tender and sweet. 60 days.

DETROIT DARK RED-Long a favorite. Smooth, globulor roots of deep ox-blood red-sweet and tender. 68 doys.

EARLY WONDER—Early variety that can also be used for fall planting. Semi-globular roots, with small tap root. Tender, blood-red flesh. 58 days.

SUGAR BEETS

KLE!N WANZLEBEN --- Favored for sugar manufacture. Also excellent for stock feeding. Long. thick shouldered roots, grey-white skin, and solid white flesh. 90 days.

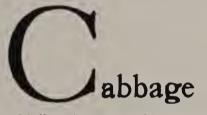
SWISS CHARD

LUCULLUS - Most popular Chard. Upright in growth, with yellowish-green curled, crumpled

sprouting heads about 5 inches long, which, if kept cut, will be replaced by others for 8 to 10 weeks. Each sprout ends in an edible head of green buds. 55 to 65 days. Large packet, 10c.

BRUSSELS SPROUTS

HALF DWARF IMPROVED-Firm, thickset bolls—1½ inches in diometer. Plants 20 to 24 inches. 70 doys. Lorge pkt., 10c.



Yellow Resistant Varieties

MARION MARKET-Large, firm, round heads, used for early kraut. A development from Copen-hagen Market 7 inch 4 pound heads. 75 to 80 days.

CHARLESTON WAKEFIELD-Heart-shaped heads neorly a week later than Jersey Wakefield, half ogain as large. 7 to 8 inches long 75 days.

GOLDEN ACRE—Extra early Copenhagen type. Dwarf plants, with small round solid heads. 6 inch, 3 pound heads 63 to 65 days.

Intermediate Varieties

ALL SEASONS—Medium season, good keeper, fine for kraut. Good cropper of excellent quality. 9 inch, 8 to 10 lb. heads. 85 to 90 days.

75 to 80 doys.

STEIN'S EARLY DWARF FLAT DUTCH-Plant medium, vigorous, good second early variety. Large, solid, flat heads, 6 inches deep. Good shipper. 90 days.

Late or Winter Varieties

DANISH BALL HEAD or HOL-LANDER—A widely used late type. Deep, round, hard, com-pact heads, 7 to 8 inches, 6 to 7 pounds. Tender and crisp, fine for kraut. 100 to 105 days.

MAMMOTH RED ROCK—Best of the red cabbages. Hard, round, purplish-red heads. Good keeper. 6 to 8 inch, 7 to 8 paund heads. 100 days.

PERFECTION SAVOY—Best Savoy for general use. Keeps well. Large 7 inch, 6 to 7 pound heads. 90 days.

PREMIUM LATE FLAT DUTCH —Extremely lorge flat heads, 61/2 to 7 inches deep. High quality, 10 to 11 inch, 9 to 11 pound heads. 95 to 105 days.

GLORY OF ENKHUIZEN-Round, solid heads with few outer leaves, Used largely for kraut. 8 inch, 5 to 8 pound heads.

CELERIAC

7 inches. Large pocket, 10c.

DANVERS HALF LONG—Sweet

and tender. Roots ore 6 to 7

inches long, topering to a blunt

point. Fine for winter storage.

IMPERATOR—Fine grained, tender, excellent quality. Rich

orange, indistinct core. Roots

LONG ORANGE—Heavy crop-

ping kind for stock or garden.

Roots taper to o point. Red-

orange flesh, core slightly lighter.

NANTES IMPROVED CORE-

LESS-Excellent for forcing. Tops

small, roots bright orange, blunt

ended. Flesh reddish orange, and

CAULIFLOWER DANISH GIANT or DRY

WEATHER—Excellent creamy

white heads. Later than Early

Snowball, but larger. 6 to 8

inches. 67 days. Large pkt., 10c.

EARLY SNOWBALL—Favorite

early variety. Pure white compact heads of fine flavor, 6 to

practically coreless. 70 days.

semi-blunt. 77 doys.

75 doys.

88 days.

GIANT SMOOTH PRAGUE-(Turnip rooted celery.) Smooth, spherical roots, 2 to 3 inches thick. Fine flavor.

CELERY

GIANT PASCAL - Lote voriety for winter use. Lorge plant with dark green leaves. Big solid stalks that blanch to yellow white. 135 days.

GOLDEN SELF BLANCHING, DWARF—Compact plonts with yellowish-green foliage. Broad solid stalks with nutty flavor. Blanches readily. 120 days.

WONDERFUL or GOLDEN PLUME—Early, medium plant with compact, full heart. Blanches easily to golden yellow. 112 to 115 days.



leoves. Thick, broad and light green stems. 50 to 60 days.

MANGEL WURZEL

GIANT HALF SUGAR, ROSE-Heavy yielding, fine for feeding. Long oval roots, white skin with rose colored shoulder, white flesh. Good sugar content. 90 days.

MAMMOTH LONG RED-Very populor. 30 to 50 tons per acre. Roots grow holf above the ground. Light red, flesh white with rose tinge. 110 doys.

BROCCOLI

WISCONSIN ALL SEASONS-Mid-season general purpose variety, slightly coarser than standard All Seasons. 10 to 12 inch, 9 to 10 pound heads. 90 to 95

WISCONSIN HOLLANDER No. 8 — Late, excellent for winter storage and kraut. Similar to Hollander and Danish Ball Head. 7 to 8 inch, 7 to 9 pound heods. 100 to 110 doys.

Standard Early Varieties COPENHAGEN MARKET --- Excellent, eorly short season type. ITALIAN GREEN SPROUTING Short stems, $6\frac{1}{2}$ inch, $3\frac{1}{2}$ to —Plant beors a succession of 4 lb. heods. 68 to 70 doys.

CHINESE CABBAGE

CHIHILI or IMPROVED PEKIN —Dependable, early heading. Solid, tapered heads, 3 to 4 inches thick, 18 to 20 inches long. 75 days.

WONG BOK—Shorter and thicker than Pe Tsai, heads 9 to 11 inches long. Well blanched ond tender. 80 doys.

CARROTS

CHANTENAY, RED CORED-A thick stump-rooted carrot. slightly tapering. Flesh deep orange-red. One of the best for morket or canning. 72 doys.

orn

SWEET CORN, Hybrids

GOLDEN CROSS BANTAM ---Developed by Glenn M. Smith, of Purdue University. Frequently replacing other main crop yellows. Highly resistant to Stewart's disease. 10 to 14 rowed, slightly lighter than Golden Bantam, very uniform. Sturdy plants, broad vigorous leaves. 88 days. Large packet, 10c.

SPANCROSS—First early market corn. Good quality and yield. Highly resistant to Stewart's disease. Stalk medium, uniform, well-filled, 10 to 14 rowed ears. 72 days. Large packet, 10c.

STOWELL'S EVERGREEN-Wellknown fovorite. Standard for canners. 16 to 20 rowed ears. Holds condition well. Clear white, broad, kernels. Sweet and tender. 95 doys. Large pkt., 10c.

World's Greatest Health Bargain!



The best health insurance you can buy for your family costs only the few cents you spend for vegetable seeds . . . plus a little time spent in the enjoyable hobby of gardening.

Home grown vegetables are not only fresher and more choice than store-bought ones—they are more nutritious. Many are rich in vitamins—and when they are picked fresh from your own vines, and quickly boiled, they retain their body-building values so much better than the kinds that sometimes lie in grocer's bins for days.

Leafy, crisp salad greens—when growing just outside your kitchen door—are just a few moments from the ground to your mouth. Sweet corn, deliciously steam cooked, is on your table in a half hour after it's been pulled, and the milky, sweet kernels have all their nourishing qualities.



CORN, Cont'd

OPEN-POLLINATED Early Yellow Varieties

GOLDEN BANTAM -- Most favorably known of all the yellow varieties. Stalks often have two ears. Broad, tender, sweet kernels, of fine flavor. 8 rowed ears. 80 days. Large packet, 10c.

GOLDEN SUNSHINE - Four to five days earlier than Golden Bantam, 10 to 12 rowed ears. 76 days. Large packet, 10c.

Intermediate Yellow GOLDEN BANTAM IMPROVED

-10 to 14 rowed, larger ears than regular Golden Bantam. and more productive. Medium wide, golden yellow kernels. 84 days. Large packet, 10c.

WHIPPLE'S EARLY YELLOW-Large eared second early sort. 12 to 14 rowed ears, 7 to $7\frac{1}{2}$ inches. Deep, golden yellow kernels. 84 days. Large pkt., 10c.

Late Yellow

BANTAM EVERGREEN-Also known as Golden Evergreen. A cross of Golden Bantam on Stowell's Evergreen. 14 to 18 rows. Deep, rich golden kernels, tender, sweet. Large pkt., 10c.

Intermediate White

HOWLING MOB-A prolific second early variety with 12 to 16 rowed ears. Thick butts. Clear white, plump kernels, fair quality. 85 days. Large packet, 10c.

Late White

COUNTRY GENTLEMAN or SHOE PEG-The well known late, prolific variety. Favored by canners. Irregular kernels, not in rows but very deep, slender and sweet. 93 days. Large pkt., 10c. EARLY EVERGREEN—Earlier than Stowell's Evergreen. Very sweet, tender kernels, free from husky tips. An excellent table corn. 90 days. Large packet, 10c.

POP CORN

JAPANESE HULLESS-Chunky ears with pearly white pointed kernels. Snowy white when popped. Ears 4 inches long.

SOUTH AMERICAN or DYNA-MITE—Large, late yellow variety with golden kernels, creamy white when popped 12 to 16 rows. Ears 8 inches. WHITE RICE—Popular early variety. Pearly white kernels, translucent and pointed. Clear white when popped. Ears 6 to 8 inches long.

CHICORY

LARGE ROOTED or MAGDE-BURG—Roots resemble dwarf white sugar beet. 12 to 14 inches long, 2 inches at top. Roasted as a substitute for coffee.

WITLOOF or FRENCH ENDIVE -Pleasantly bitter flavor, fine for salads. Roots parsnip shaped.

COLLARD

SOUTHERN or GEORGIA-An excellent cooked green. Long stemmed plant, with clustered leaves. Withstands heat and bad soil. 24 to 36 days.

CRESS

UPLAND—For salads. Dwarf plant with slender stalks and oval notched leaves, 60 days.

IMPROVED LONG GREEN b. s. —Standard late variety for the home garden. 3 to $3\frac{1}{2}$ pound deep green fruits. 12 to 13 inches. 70 days.

LONGFELLOW w. s.—Fruits weigh 21/4 pounds, 12 to 15 inches, dark green. Very uniform, and straight. 70 days.

STAYS GREEN w. s. (Black Diamond)—Early, medium sized, prolific. 11/4 to 11/2 pound fruits, 7 to 8 inches, symmetrical and nearly square at the ends. Very dark green. 60 days.

STRAIGHT EIGHT - Attractive variety. 21/4 pound fruits, rounded at ends, medium green. 68

Pickling Varieties

PICKLING-Well-known pickling variety is also good for slicing. Largest of the pickling sorts. 59 days.

KALE

DWARF GREEN SCOTCH - A hardy sort, large and very attractive bright, deep green. 55

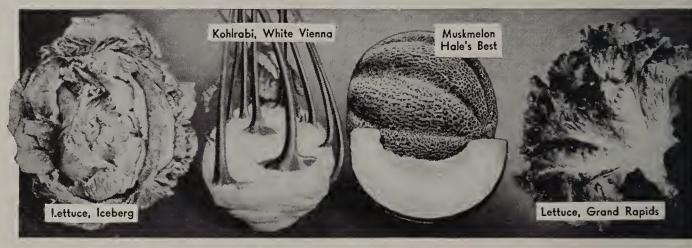
TALL GREEN CURLED SCOTCH —Hardy, with curled, deeply cut light green leaves. Tender after frost. 60 days.

KOHL RABI

WHITE VIENNA EARLY-8 to 10 inch leaves on slender stems. Bulbs 2 to 3 inches, globular, light green. Crisp, tender, clear, white flesh. 55 to 60 days.

LEEK

LARGE AMERICAN FLAG-An early, popular variety, with thick, long white stems. Leaves large and drooping, medium green in



WATERCRESS—A perennial that grows along streams and ponds. Broad, thick leaves. Desirable for salads or garnish. 55 days.

ucumber

CLARK'S SPECIAL w. s .- Handsome, very dark green 21/4 pound fruits Slightly tapered at both ends. Flesh crisp, firm, holds color and firmness. Few seeds. DAVIS PERFECT w. s.—Mid-season. Dark green, 2 pounds, tapered fruits. 9 to 10 inches long. Firm, crisp. 65 days.

GHERKINS—Used for very small pickles. Distinct from cucumbers. Fruits 3 to 4 ounces, pale green, covered with prickly spines. 60

EGGPLANT

BLACK BEAUTY - Large, eggshaped, smooth, very dark pur-ple fruits. Keep well. Plant bears 4 to 5 fruits. Early. 80 days.

NEW YORK IMPROVED SPINE-LESS—The spreading, spineless plant bears 4 to 8 fruits. Glossy black-purple. 83 days.

ENDIVE

BROAD LEAVED BATAVIAN-Also called Escarolle. Leaves toothed and twisted. Plants 16 inches in diameter. Compact heart, blanches to creamy white. 90 to 95 days.

GREEN CURLED RUFFEC-Plants 16 to 18 inches. Fine fall variety. White, tender and fleshy. Blanches readily 95 days.

WHITE CURLED—A small sort, 12 to 13 inches. Finely curled leaves, broad rose tinted ribs. Heart creamy white. Excellent for salads. 100 days.

FENNEL

FLORENCE FENNEL or SWEET ANISE—The plants are 30 to 36 inches tall. Broad overlapping stalks form a bulb-like enlargement at base of stem. These bulbs are very sweet, and are frequently used as celery.

LETTUCE Heading or Cabbage

BIG BOSTON w. s .- Popular for cold frame forcing and outside culture. Medium, compact heads with creamy yellow heart. Smooth. glossy leaves, edges wavy, and slightly tinged with reddish brown. 75 days.

ICEBERG w. s.-Late, large variety. Compact heads, crumpled, crisp and sweet. Leaves ligh! green, slightly brown at edges 84 days.

NEW YORK WONDERFUL or LOS ANGELES — Large heads, well blanched, sweet and tender. 80 days.

Loose Leaved Varieties

GRAND RAPIDS b. s.—Erect, compact, plants. Light green, broad, heavily fringed leaves. For forcing, or early planting outside. 43 days.

PRIZE HEAD w. s.—Early nonheading sort. Medium sized plants, crisp and tender. Color light brown on a medium green base. Leaves frilled at edges, and crumpled. 47 days.

SIMPSON'S EARLY CURLED w. s.—Also called Early Curled Silesia. Early, hardy and dependable. Non-heading. Leaves large, frilled, crumpled, and light green that form a compact bunch at center. 45 days.

Cos or Romaine

WHITE PARIS or TRIANON w. s. —Medium large self-folding, dark green leaves, forming loaf shaped heads. Greenish-white, well blanched interior. 66 days.

VEGETABLE SEEDS

per large packet

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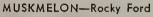
Harvesting Cucumbers

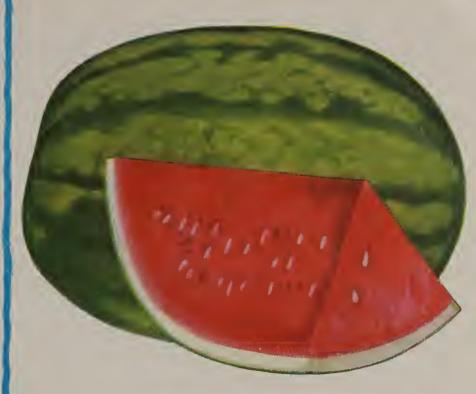
For small pickles, (gherkins) cucumbers should be gathered when only 2 or 3 inches long about six weeks after sowing.

For "dill" size pickles, they should be 4 to 6 inches long.

FOR SLICING—they are best when plump and cylindrical—but before they bulge in the middle or develop a yellow tinge at the blossom end.







WATERMELON-Dixie Queen

The Old Gardener says

-about CANTELOUPE

Nothing is more delicious than a sweet, ripe melon that is "just right" for eating. You can't get them at the store, because melons shipped for the markets are usually gathered too immature, and the chill of refrigerator cars make it impossible for the natural flavor to develop.

Even when you grow melons in your own garden you must watch for the proper time to gather them. The signs that tell an experienced eye when a melon is "ready" are rather difficult to describe, but can be recognized with a little practice.

First, examine the stem ends of the fruit. If no cracks appear around the stem union, the fruit is too immature to gather. Wait until cracks show all around the stem and the fruit has a certain color and a sort of "glisten" that you'll come to recognize.

Don't let the fruit ripen too fully on the vine, as this impairs the flavor.

After gathering, keep the melons in a warm place for a day or two before eating, and you'll have wonderful "just right" fruit.

_about ONIONS

Wherever possible, onions should be grown from seed, because this method produces a much better quality of onion.

Dry onions, produced from sets, are usually of rather poor quality, and don't keep well. Green, or bunching onions, can be grown from sets or multiplier bulbs, and the home gardener generally uses sets for the earliest green onions. However, better quality is gained when onions are grown from seed.

Onions need well-drained, rich soil.











MUSKMELON AND CANTALOUPE Green Fleshed

ROCKY FORD - Fruits small, rather large seed cavity. Nearly round, weigh $2\frac{1}{2}$ pounds. No ribs, heavily covered with hard grey netting. Flesh thick, green, with gold tinge at center. Juicy, spicy, goad quality, 92 days.

Orange or Salmon Fleshed

BENDER'S SURPRISE—Impraved Surprise, similar to Tip Top. Coarse netted, 7 pound, ob-long fruit, distinctly ribbed, hard greenish-yellow skin. Flesh bright salmon. 95 days.

HALE'S BEST No. 36-Outstanding early aval fruit, light ribbed, heavily netted. Thick, salman-orange flesh. Sweet. 80 days.

HEARTS OF GOLD or HOO-DOO—Nearly round 2 pound fruit, distinctly ribbed, deep green with fine grey netting. Thick, deep salmon flesh, tender, sweet. 94 days.

HONEY ROCK or SUGAR ROCK—Round, 4-paund fruit. Grey-green skin, coarse, sparse netting. Orange-salmon, thick flesh, fine flavor. 85 days.

IMPROVED PERFECTO-Roundish fruit, $2\frac{1}{2}$ paunds. No ribs. Completely covered with hard grey netting. Thick salman, sweet, juicy flesh. 92 days.

WATERMELON

COLE'S EARLY or HARRIS' EARLY—Very productive. Medium size, short and oval. Alternate dark and light green stripes. Tender rind, black seed, pink-red flesh. 20 pound. 75 days.

KLECKLEY'S SWEET—Large, cylindrical, dark bluish-green fruits, with thin, tender rind. Bright red, juicy, sweet flesh, creamy white seeds with traces of brown. 85

STONE MOUNTAIN-Also called Dixie Belle. High quality

shipping variety, recently intro-duced. Fruits very large, oval-round, blunt ends. Dark green, tough rind. Flesh rich scarlet, fine grained, sweet. Seed white with black tips.

TOM WATSON—Outstanding red heart strain. Large fruit, uniform, cylindrical, with tough, elastic rind, faintly veined.

MUSTARD

MUSTARD SPINACH or TEN-DERGREEN—Wholesame, quickgrowing green, combining mustard and spinach flavars.

SOUTHERN GIANT CURLED LONGSTANDING—Large, frilled and crumpled. Light green

OKRA OR GUMBO

DWARF GREEN-Early, prolific dwarf growing sort. Dark green, fluted, 5 to 7 inch pointed pods. 50 days.

PERKINS MAMMOTH—Medium early, productive. Meaty, slender, tapered 7 ta 8 inch ribbed pods. 56 days.

WHITE VELVET—Early and prolific. Pads pale greenish-white, 6 to 7 inches long. Meaty, tender. 60 days.

nions

Yellow Varieties

PRIZETAKER—Large, globe shaped bulbs, with glossy, thin straw-colored skin. Coarse, mild flesh. 102 to 104 days.

SOUTHPORT YELLOW GLOBE —Globe shaped, medium ta large bulbs. Solid, rich yellow, tough clinging skins. Creamy white flesh. 114 days.

YELLOW GLOBE DANVERS-Medium late, hardy. Good cropper, fine far storage. Medium large, firm, solid, round bulbs. White, slightly yellow toned flesh. 112 ta 114 days.

YELLOW SWEET SPANISH-Similar to Prizetaker, but larger. Glabular, with golden-yellaw skin. White, very mild flesh. Prolific. 112 to 114 days.

Red Varieties

RED WETHERSFIELD-Papular, good keeper, used extensively for sets. Medium large, flat bottomed bulbs with sloping top. Purplish-red. Fine grained flesh, firm, slightly flushed with pink. 100 to 102 days.

SOUTHPORT RED GLOBE-Finest of all red onions. Perfectly round, good sized bulbs with thick, small necks. Skin is deep purplish red, and the strang flavored flesh is white tinged with pink. Goad keeper, praductive. 112 to 114 days.

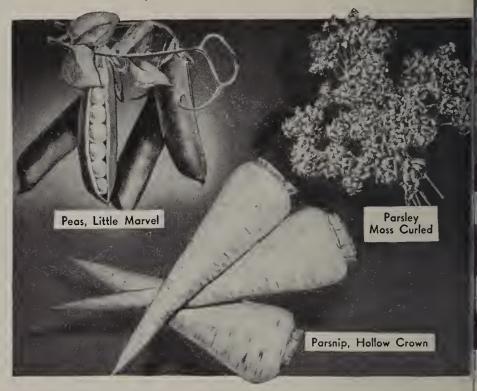
MOSS CURLED or CURLED—Compact, dark green leaves, curled and fine-cut, resembling moss. Fine far garnish.

eas

Early and Second Early

ALASKA — Wilt resistant. Used for canning and early hame garden. Blunt, straight, light-green, 3 inch pods with 6 to 8 good quality small peas. Plants 32 inches. 60 days. Large packet,

AMERICAN WONDER—The old favorite. Dark green, fairly coarse vine. Single and double



White Varieties

SOUTHPORT WHITE GLOBE-Best of the whites. Mediumsized, round, solid white bulbs with fine, thin skin. Waxy white flesh, mild and fine grained. Keeps well in fall. 110 ta 112 days.

WHITE PORTUGAL or SILVER-SKIN-Excellent flat variety. Dependable crapper, excellent far sets, for green bunching, or as a pickler. 100 to 102 days.

WHITE BUNCHING—Grown exclusively for green onions. Does not form bulbs. Long, pure white stems.

ONION PLANTS

Sturdy, hardy plants that come to you all ready to set out. Ask for lotest prices.

ONION SETS

The quickest way ta get anions early—the easy way to grow large onions. We affer chaice, select, dry sets, af the highest quality.

PARSLEY

HAMBURG ROOTED-Deeply cut, plain leaves. Edible roots, thick and fleshy, 10 to 12 inches long. Used far flavoring. pods, light-green, straight and blunt—well filled with 6 medium sized peas, wrinkled, largely square. 12 to 14 inch vines, 23/4 inch pods. 61 days. Large packet,

LAXTON'S PROGRESS—Medium dark green vine, 16 ta 18 inches. Single pods almost an inch wide and $4\frac{1}{2}$ to 5 inches long, with 7 ta 9 large peas. Seeds are cream and green. 62 days. Large packet, 10c.

LAXTONIAN - Exceptionally choice and pralific. Dark green, rather coarse vines, praducing straight pointed, well-filled $2\frac{1}{2}$ inch pods. Large packet, 10c.

LITTLE MARVEL—Outstanding dwarf. Fine quality, large yield. Single and dauble, dark green, 3 inch pods—blunt, plump, well filled with 7 to 8 medium sized, light green tender peas. 62 days. Large packet, 10c.

PREMIUM GEM, Improved — New and resistant to wilt. Darkgreen 20 to 22 inch vine. Single and double $2\frac{3}{4}$ inch pods, straight, round, light-green, blunt. 6 to 7 gaad quality, medium sized, wrinkled green peas. 64 days. Large packet, 10c.

VEGETABLE SEEDS

per large packet

Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire

Planning the Vegetable Garden

To get better crops, plant your rows to extend North and South, because in this way, they receive a more even distribution of sunlight.

The reason for this is, asthe summer sun moves east to west, it shines on both sides of north-south rows, but only on one side of east-

On α slope—run the rows to follow the contour of the slope — not straight across. This prevents erosion and

THOMAS LAXTON-An improved strain of the original. Excellent for all uses. Deepgreen, medium-heavy, 30 to 36 inch vine. Single, rich deep green 31/2 inch pods, blunt and broad with 7 or 8 large, tender, fine quality peas. Seed medium sized, cream and green, wrinkled. 63 days. Large packet, 10c.

Mid-Season Varieties

ALDERMAN—A fine, large pod-Jed Telephone for all uses. Rests wilt. Dark green, coarse 40 nch vine. Single, broad, plump oods, 41/2 to 51/2 inches—straight, dark-green, pointed. They contain 8 to 10 highest quality peas. Seed large, wrinkled, light green. A top quality variety. 74 days. Large packet, 10c.

GRADUS—Also called Prasperity. Stocky 36 inch vine. Single, inch pods, broad, indented, light, blunt, string ess, without fiber, fleshy. Contain 7 peas. Seed large, round, creamy-white. 74 days. Large packet, 10c.

PARSNIP

HOLLOW CROWN or GUERN-SEY—The most generally grown kind. Roots $2\frac{1}{2}$ to 3 inches thick at shoulder, 12 to 14 inches long, uniformly tapered, hollow crowned. 95 days.

PEPPERS Sweet Varieties

CALIFORNIA WONDER-Outstanding, medium late. Uniform, deep-green fruit, changing to crimson. Smooth. 75 days.

RUBY KING-Abundant, tapering fruit, dark-green changing to ruby-red. 69 days.

Pepper Pimenta Squash Early Summer Pumpkin, Small Sugar or Pie Crookneck

broad, plump, 4 inch pods, pointed and medium-green. 8 to 10 delicious, large, sweet peas. 65 days. Large packet, 10c.

TELEPHONE, Dark Podded—Like Alderman. A standard, mid-season favorite, high quality. 74 days. Large packet, 10c.

Later Varieties

DWARF TELEPHONE or DAISY -Prolific, resists wilt. Vines about 2 feet, but otherwise resembles telephone. 79 days. Large packet, 10c.

TRATAGEM, Improved - Wilt resistant. Stocky, deep green, branching vine, 26 inches. Single and paired pods, 41/2 inches, almost round, straight, pointed, dark-green with 8 to 10 fine succulent peas. Large, wrinkled, green seed. 79 days. Large packet, 10c.

Edible Podded or Sugar Varieties

DWARF GREY SUGAR-Prolific kind for home garden. Wilt resistant. Slender, wiry, 28 inch vine with double, light-green, 3 inch pods, heavily curved, strongly indented. Small, mottled grey, round seed. 65 days. Large pocket, 10c.

MAMMOTH MELTING SUGAR -Wilt resistant. Coarse, lightgreen vine, 54 inches. Single 41/2

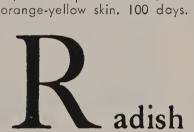
WORLD BEATER-One of the best large peppers. Glossy-green changes to bright red. Mild, very sweet, thick flesh. 75 days.

Hot Varieties

BULL NOSE or LARGE BELL-Early favorite. Small, productive plant. Blunt fruit 3 by $2\frac{3}{4}$ inches. Deep green to scarlet red. Ribs pungent, flesh mild. 64 days.

LONG RED CAYENNE—The hot favorite. Used for canning, pickling, drying. Pungent flavored fruit, tapering and twisted. 70 days.

RED CHILI-Low, spreading, 18 inch plant. Extremely pungent



CRIMSON GIANT—Large round, I to $1\frac{1}{2}$ inches. Deep crimson. 28 days.

IUM TOP - Globular, slightly elongated, bright scarlet. 24 days.

EARLY SCARLET TURNIP,

CARROTS, RADISHES and VEGETABLE BEETS — (the early root crops) are finer in flavor SEEDS and texture if gathered as soon as they reach the proper size for eating. This, too, is the time when they are best for canning purposes. Your late root crops can, however, be left in the per large packet ground until far into autumn. Some, such as Parsnips and Salsify, are im-Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire proved after some freezing.

fruit, $2\frac{1}{2}$ by $\frac{1}{2}$, erect, conical.

PUMPKIN

CONNECTICUT FIELD - Large fruit with flat ends, 15 to 25 pounds and up to 15 inches. Surface, slightly ribbed, deep orange. Thick flesh, orange-yellow, sweet and coarse. 118 days.

KENTUCKY FIELD or LARGE CHEESE - Dull orange, large ribbed fruit. Coarse, deep yellow flesh, good flavor. 120 days.

SMALL SUGAR or NEW ENG-LAND PIE—Desirable for pie or general use. Round, flat end fruit, deep orange. Thick, yelloworange flesh. 118 days.

STRIPED CUSHAW-For stock feed. Crook-necked, 11 pounds, white and green striped, thick, coarse yellow meat. 112 days.

WINTER LUXURY or PIE-Early, resembling Small Sugar but larger. Flat ended, 9 to 10 inches, 7 to 8 paunds. Thin, netted, orange-yellow skin. 100 days.

with white tip. Flesh white, crisp and mild. 26 days.

FRENCH BREAKFAST—Roots thicker toward bottom, $1\frac{1}{2}$ inches long by $\frac{1}{2}$ to $\frac{3}{4}$ inches. Dull scarlet, white tipped. 25 days.

LONG SCARLET, SHORT TOP
—Smooth, 5 to 6 inch roots,
dark scarlet. Small tops. 27 days.

WHITE ICICLE—Tapering roots 5 to $5\frac{1}{2}$ inches, very white with pure white, mild flesh. 27 days.

Fall and Winter Varieties

ROSE CHINA WINTER-Popular, very distinct winter sart. Cylindrical blunt, smooth, bright rose-red. Flesh white, very firm and pungent. 52 days.

WHITE CHINA WINTER—Roots large, 8 inches long, $2\frac{1}{2}$ to 3 inches in diameter. Cylindrical with heavy shoulder. Flesh white, crisp, rather mild. 60 days.

SPINACH

BLOOMSDALE SAVOY, LONG STANDING—A few days later than Regular Bloomsdale Savoy. Holds from 12 to 14 days longer. 42 days.

IMPROVED OR GIANT NOBEL —Large, vigorous, spreading plant, slow to form seed stalks. Extremely heavy yielder. Very large, thick, smooth, deep green, tender leaves. 45 days.

KING OF DENMARK-Exceptionally long standing, large plants. Broad, dark-green leaves, somewhat crumpled. Excellent for spring planting. 46 days.

NEW ZEALAND-Thrives in dry, hot weather. Can be picked repeatedly all season. Not a true spinach but similar when cooked. 70 days.

SQUASH Summer Varieties

EARLY WHITE BUSH SCALLOP -Fruits greenish when young, become white at maturity. 3 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches wide.

53 days.

GIANT SUMMER CROOKNECK —Prolific, bush type plant, curved neck fruits around 4 to 5 pounds, 20 to 24 inches long. 4 to 5 inches in diameter. 56 days.



EARLY SCARLET GLOBE, MED-

WHITE TIPPED - Carmine red











_about RADISHES

The secret of getting crisp, delicious rodishes is quick growth. So use plenty of plont food in the soil where they ore planted.

This is undoubtedly the easiest of all vegetables to grow; the seeds germinate in a few days, and are ready for eating in 3 to 5 weeks.

All through the planting season, a succession should be sown every 10 days, so that you may have plenty of mild, tender radishes for

—about WATERMELON

relish and salods oll through the seoson.

Your wotermelons ore ready to pick when they lose that "green as gross" look, the whitish bloom, and when the rind is so hard that it can scarcely be dented with a fingernail. There are several other signs that advertise a wotermelon's moturity. The tendril on the vine just opposite the fruit stem should be

blackened ond dry. The underside of the melon hos a creamy color, and when you give the melon a thud with your finger, you'll get o tinny "plink" if it is ripe, and a dull, thuddy "plunk" if it is green.

You'll come to recognize these indications ofter a little experience, and checking your judging ability by "plugging" o few specimens while growing on the vines. If the flesh at the apex of the plug is whitish, the melon is still green and the plug should be replaced. If it is red, or orange, a taste will convince you that it is ready for the dinner table.

—about PEPPERS

Always, when gothering peppers, cut them with a knife, leoving only a short piece of stem, rother than run the risk of injuring the plant by pulling them off.







SQUASH, Cont'd

GIANT SUMMER STRAIGHT-NECK—Unsurpassed for eating. Similar to Early Summer Crookneck, but fruits are larger. 55

ZUCCHINI—Stroight, cylindricol fruit, 3 to 4 pounds, 4 to 5 inches through, 10 to 14 inches long. Mottled and striped greencream-grey. Very firm, delicate flavored flesh. A bush type plant. 60 days.

Fall and Winter Varieties

ACORN or TABLE QUEEN-Ribbed, acorn shoped fruit, smooth, thin shelled, dark green. Light yellow flesh bakes well. 58 days.

BLUE HUBBARD—Large, round, fruit pointed at both ends. Hard, blue-grey rind. 12 to 14 pounds, 14 inches long, 9 thick. Thick, fine flavored, yellow-orange flesh.

GOLDEN DELICIOUS MAR-ROW—Fruit is reddish-orange with green tip, 7 pounds, 8 inch diometer 10 to 12 long. Flesh golden-orange, thick, sweet and dry. 100 days.

GREEN HUBBARD-Standard winter sort. Vine of troiling type, 10 to 12 pound fruits pointed at ends, slightly warted. Dark bronze-green, rind hard ond tough. Very thick, orange-yellow, dry, sweet flesh. 105 doys.

omato

Early Scarlet Fruited

EARLIANA — Open, spreoding, medium small vines. The bright red fruits run to medium size. This seed is selected for thick, smooth fruit. 66 days.

JOHN BAER—An early sort that follows Earliana. Medium high, open vines. Fruits medium size, semi-globular, smooth and firm. Bright, scarlet red. 70 days.

CARDINAL—Entirely new variety, very prolific. Retains foliage through a long-bearing season. Fruits large, very free from cracking; thick-walled, solid and with small seed pockets. Exterior rich scarlet, interior unusually deep red and uniform. Pkt., 10c.

Intermediate Scarlet

BONNY BEST-Second early variety, valuable for canners. Medium vine, not very hardy. Medium-sized, apple-shoped, solid fruits, bright scarlet. 73 days.

GREATER BALTIMORE-Mid-Season variety. The vines ore large, vigorous, and open. Fruits medium-large, flat, fairly solid and firm. Deep scorlet. 82 days. MARGLOBE — Moderately productive, with heavy folioge. Vig-

orous, and resistant to wilt and

rust. Fruits medium lorge, neorly

round, smooth, and solid. Deep red. 77 days.

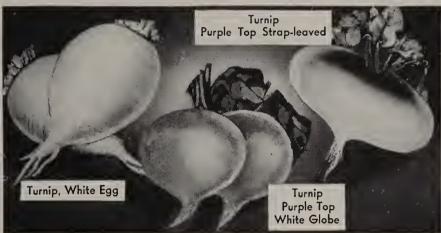
PRITCHARD or SCARLET TOP-PER—A cross between Marglobe and Cooper's Special, developed by U.S. Department of Agriculture. Large, solid, smooth, round fruit, with thick walls. Rather light scorlet. 73 days. RUTGERS—Second early voriety.

Large, thick stems, vigorous foliage. Fruits similar to Marglobe but flotter at stem end. Bright

PURPLE TOP MILAN—Very early, and popular. Flot purpletopped roots of mild flavor. 42 days.

PURPLE TOP, STRAP LEAVED-Medium early good cropper. Medium upright tops Flat roots, shaded purple on top. Tender, fine grained flesh. 46 days.

PURPLE TOP WHITE GLOBE-All purpose voriety. Large, sweet tops Smooth, globe-shaped roots, purple-red above, white



red, with thick walls. Red, firm flesh, low acidity. 72 days.

Pink and Yellow Fruited

GOLDEN QUEEN—The leading, maincrop large yellow variety. Good for juice and for home gardens. The fruit is a deep golden yellow color, and vines medium large. Very mild flavor, smooth and solid. 84 days.

LIVINGSTON'S GLOBE—Plants heavy-bearing, strong, densely foliaged. Full, round fruit, which ripens evenly to a purplish rase.

OXHEART—Open, spreading, moderately productive vine. Fruits are extremely large, somewhat rough, heart-shaped and pink. A solid mild flavored tomato. 90 days.

PONDEROSA—One of the largest varieties. Spreading large vines. Solid, fine flavored, with small seed cells. Somewhat rough and flat. Have a tendency to crack. 88 days

Small Fruited

RED PLUM—Used for preserves, and as a novelty. The fruit resembles a red plum. 73 days.

STRAWBERRY or GROUND CHERRY—Sometimes called Golden Husk. Not o true tomato. The small, round, yellow fruits have a delicate flavor and are used as preserves. Vine flat and spreading. 86 days.

YELLOW PLUM-Oval plumshaped fruit for preserving. 73

TURNIPS

White Fleshed Varieties

POMERANIAN, or LARGE WHITE GLOBE-Principolly for stock feed. Large tops, globe shaped roots, slightly flattened, and smooth. 4 to 6 inches ocross. Weigh 4 to 8 pounds. 75 days. below. Sweet, tender, crisp white flesh. 55 to 60 days.

dium sized, upright tops. Egg shaped roots, all white. Fine quality, smooth grained flesh. 55 to 60 days.

WHITE MILAN—Fine for garden, or early forcing. Small

Yellow Fleshed Varieties

GOLDEN BALL or ORANGE JELLY—Small, erect tops. Round. roots, 3 to 4 inches, smooth and deep yellow. The soft flesh is pale yellow, slightly bitter. 60 to 65 days.

Foliage Turnip

SEVEN TOP-For greens or foroge. Young shoots extremely tender. Roots tough, undesirable for food.

SHOGOIN or JAPANESE FOLI-AGE—Recently introduced and rapidly gaining popularity. 18

WHITE EGG-Cut leaved, me-

strap leaved tops. Medium small roots, 3 to 4 inches. The roots are very flat, and flesh is white, sweet and tender. 42 days.

> to 20 inch bright green tops, strap leaved. Roots ore semiround, white, mild and tender.

kept just moist.

Winter Storage

for Vegetables

Many vegetables can be kept for use during winter by proper storage. It is often cheaper and easier to store than to can them

and, with some varieties, the stored quality is better than that of the canned product. Successful storage depends upon (1) selecting vegetables of good quality; (2) picking them at the proper stage of maturity; (3) having the proper temperature and the right degree of humidity in the storeroom.

The desirable stage of maturity varies with the crop. Cabbage, onions, squashes and pumpkins will not keep well unless fully matured. Beets, carrots, parsnips, turnips and salsify should not be allowed to become fully matured, so they are likely to become years.

as they are likely to become woody.

Best storage conditions can be summarized thus: cool and moist—beets, carrots, salsify, turnips, winter radishes and celery; cool and moderately moist—cabbage and potatoes; cool and dry—onions, dry beans; warm and dry—squashes, pumpkins and sweet potatoes.

All these except dry beans

All these except dry beans, onions, squashes, pumpkins and sweet potatoes may be kept in the same storage room if the cabbages are on shelves and the potatoes are in slatted crates or bins. The

are in slatted crates or bins. The best temperature for most vegetable crops is just above freezing, i.e. 32° F. If potatoes are included, the temperature should not go below 34°. A basement without a furnace is ideal. If the house has a concrete basement with a furnace, then a room protected from the furnace heat is necessary.

Temperature can be maintained in a storage cellar by opening and closing windows. A dirt floor is best and, if humidity is low, water can be sprinkled on the floor. Root crops can be stored in boxes of sand or soil in the basement and kept just moist

in the storeroom.

with some varieties, the stored

Rutabaga or Swede Turnip

AMERICAN PURPLE TOP-Hardy and productive. Tender, firm, light yellow, sweet. 88 days.

SWEET GERMAN or RUSSIAN —For table or stock, and very productive. Round white roots with bronze-green tops. Sweet, white, semi-firm flesh. Roots 5 to 6 inches. 90 days.

VEGETABLE SEEDS

10¢

per large packet

Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire

Every Child Should Have A Garden All His Own

A child's garden should be a small, easily worked, fertile plot, where plants will thrive with just ordinary care. The varieties of seeds he plants should be chosen for quick growth and hardi-

If his first attempts are successful (and you should see that they are) he'll develop a love of gardening—and learn the invaluable lesson of looking ahead, and naof looking ahead, and patiently awaiting the results of his efforts.

If you want vegetable seed varieties not listed on these pages — ask us, we'll get it for you.

GLADIOLUS...the best selections on the list





DR. F. E. BENNETT. (A) Peachred, flame scarlet throat, speckled ruby and creamy white.

PEACE. (B) White with pale lilac on interior of petals.

ORANGE QUEEN. (C) Deep apricot and orange.

BETTY NUTHALL. (D) Coral, yellow, orange. Large, strong spikes. CHARLES DICKENS. (E) Favorite wine-purple.

VIRGINIA. (F) Gorgeous scarlet. GIANT NYMPH. (G) Light salmon-pink. One of the best.
GOLDEN DREAM. (H) Pure,

clear, golden-yellow.
BERTY SNOW. (1) An exhibition

glad. Exquisite orchid.

Attractive Prices ON BULBS!

All bulbs shown on these two pages are available at very reasonable prices — at our store or by mail. ASK FOR THE LATEST PRICES—on any quantity or combination you may want. And be sure to see our SPECIAL COLLECTION OFFERS!

APRICOT GLOW. (J) Clear, soft apricot.

SOUTHERN CROSS. (K) Large dark rose. One of the best new varieties.

BAGDAD. (L) Smoky old rose. Very popular.

W. H. PHIPPS. (M) Most popular pink. Giant flowering.

VEILCHENBLAU. (N) Fine violet blue flowers. Pansy purple splatch. ALBATROSS. (O) New giant pure white.

PICARDY. (P) Immense flowers. Pink, apricot, flame.

COMMANDER KOEHL. (Q) Big, dark red. Best in this color.

GOLD EAGLE. (R) Deep, golden yellow.

MRS. LEON DOUGLAS. Beganiarose, flame scarlet, pale lemon, speckled with ruby.

MINUET. Beautiful, clear light lavender. Heavily textured blaoms. PFITZER'S TRIUMPH. Orangesalmon, velvet-red throat.

MRS. FRANK PENDLETON. Rose pink. Throat blotched, deep red.

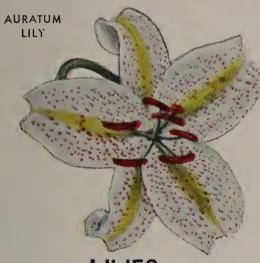


FANCY-LEAVED CALADIUMS. Few summer foliage plants can equal the fancy leaved Caladiums for rich, beautiful color and dramatic effect. Semi-tropical bulbs. Frequently used for porch boxes and pots.

ELEPHANT'S EAR. One of the largest ornamental foliage plants for beds and borders. The huge green leaves give a most unusual effect. Try it as a border for tall Cannas, and edge with low-growing foliage plants.

TUBEROSES

One of the most fragrant of all flawers. Tall spikes of dauble waxy blooms—borne on tall stems. One of the laveliest flawering bulbs. Spearshaped, grass-like faliage. Annual replacement frequently advisable.



LILIES

AURATUM. The gold-banded Lily of Japan. Flowers fram 8 to 10 inches in diameter. White, chocolate crimson spots, with a gold band on each petal.

RUBRUM. A hardy, beautiful Lily. Flawers are white, flushed pink, and spotted carmine.

REGAL. Trumpet shaped, white flawers, slightly pink tinged. Canary yellaw centers. Very hardy.

HENRYI. Rich apricot to orangeyellaw. Stalks 5 feet ar mare carry many huge flowers on each.

PHILLIPINE. Flowers often as much as 6 or 7 inches long. Fragrant, elegant, and graceful. White, slightly marked with reddish-brown.

TIGRINUM. Easiest to grow, and best known af all Lilies. Orange-red flawers, spotted purple.

CALLA LILY. Rich, lustrous, galdenyellow flowers, with creamy white spots. Distinctive, dark green foliage.

DAHLIAS..prize winning varieties



POMPON DAHLIAS. Charming, "button" dahlias that have lang been fovorites with flower lovers, and justly deserve o place in every gorden. They grow freely, require little care after planting—but reward you with a wealth of gorgeous cut-flawers all during summer and fall.

In MAUVE, PINK, RED, WHITE, BRONZE, YELLOW.



OMAR KHAYAM. Chinese red, shading to bright orange, with paler tips. Flowers often 10 inches.

CANNAS

KING HUMBERT. Gigantic flawers, brilliant arange scarlet, with bright red markings. Bronze leaved. 5 feet.

YELLOW KING HUM-BERT. Golden-yellow, datted red. Green foliage. 4 feet.

PRESIDENT. Easily the best red canna. Immense flowers of rich, intense scarlet. Green foliage. 4 feet.

true pink canna. Large flower trusses; green faliage. $3\frac{1}{2}$ feet.

WINTZER'S COLOSSAL.
Largest flowering canna.
Vivid, blazing scarlet.
Green foliage. 5 feet. 31



Tarden

ACME SPRAYING MATERIALS



Acme Rotenone Garden Guard

A safe insecticide dust, which contains no arsenic or fluorine compound. The killing ingredient is Rotenone—non-injurious to humans and warm-blooded animals yet effective both by contact and as a stomach poison against insects. Especially recommended for use on broccoli, cabbage, cauliflower, Brussels sprouts, string beans, currants, and sweet corn. A favorite of the housewife for dusting roses and flower gardens. Controls lice, fleas, and mites on dogs, cats, birds, and chickens. I lb. sifter carton 35c; 4 lb. 75c; 25 lb. \$3.25; 100 lb. \$12.50.



Acme Kopper Queen

(Mildew Spray)

A strong liquid copper spray for the control of mildew, leaf spot, and black spot on rose bushes, flowers, and many other kinds of foliage. Stainless, leaves no unsightly residue to detract from appearance of flowers

due to detract from appearance of flowers and ornamentals. Use as a liquid spray replacing Bordeaux Mixture and Sulphur. 1/2 Pint, 35c; Pint, 55c; Quort, 90c; Gallon, \$2.25; 5 Gallons, \$7.50.



Acme Wettable Dusting Sulphur

(An Excellent Chigger Chaser)

An improved dusting An improved dusting sulphur for home use which can also be used as a liquid spray. Recommended to control mildew, leaf spot, black spot and rust on rose bushes, chrysanthemums, snapdragons, carrations and certain

bushes, chrysanthe-mums, snapdragons, carnations, and certain other foliage; also red spiders on evergreen. 98% passes through 325 mesh screen. 2 pound car-ton, 25c each.



Acme Emo-Nik

Most yards contain foliage that is more affected by Scale, Red Spider, and certain other troublesome pests than by Aphis. Here than by Aphis. Here is a complete contact

is a complete contact insect spray combining nicotine in its most active form with Emo, a high quality summer oil emulsion. Recommended for control of Aphis, Mealy Bugs, Red Spider, Thrip, White Flies, Rust Mites, Mildew, certain scale insects and other garden pests. 4½ oz. 35c; Pint, 65c; Quart, 95c; Gallon, \$2.50.





Acme Weed Killer

A powerful quick-acting arsenical weed killer for destroying weeds and all plant life on driveways, tennis courts, paths, etc. More widely used, however, in spotting out dandelion, plantain and other noxious weeds in the lawn by applying a few drops of undiluted Weed Killer to the crown of the ler to the crown of the plant, using a regular weed cane or a squirt-bottom oil can. Pint, 30c; Quort, 50c; Gallon, \$1.50.



Acme Bait-M

Acme balt-M

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, slugs, cutworms, earwigs, sow bugs, grasshoppers and many other insects which migrate along the ground. 11/2 lb. 35c; 4 lb. 85c; 15 lb. \$2.75.

Acme Aphis Spray

An improved nicotine spray combining a soft spray soop with Block Leaf 40, suitable for the control of all kinds of aphis (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water. Complete directions with every package. 3 oz. collapsible tube, 35c; 12 oz. con, 95c; 2½ lb. can, \$2.25.

INSECTICIDES AND FUNGICIDES

ARSENATE OF LEAD - Gives quick action in killing leaf-eating insects. It is safe to use on tender faliage, and sticks well to leaves.

BORDEAUX MIXTURE—A standard dry powdered fungicide far curing and preventing black rot, mildew, blight and other fungous diseases.

DRY LIME SULPHUR (Powder) —For darmant spraying of fruit trees, shade trees and bushes for scale, etc.

CALCIUM ARSENATE (Dry)-For chewing insects.

NAPTHALENE FLAKES - Used for repelling soil pests such as wire worms, maggots, moles and certain other insects. Protects bulbs against thrips and white

PARADICHLORBENZENE -Comes in crystals to be applied around the base of trees to destroy borers.

PARIS GREEN—A poisonous insecticide in powder form. Gives quick control where extreme measures are necessary.

TOBACCO DUST - Kills aphis and flea beetles.

ACME RED RIVER POTATO MIX (Special Formula for Potatoes anly). A scientific development combining a new patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker, drives off flea beetle and leafhopper, prevents blight from gaining a foothold, stimulates foliage, making more and better potatoes. Complete control in one operation—at one cost. Use as a dust or spray. I lb. bag, 30c: 4 lb. bag, 80c.

FISH OIL SOAP—Used as a wash during the summer to prevent spread of scale. Destroys sucking insects and plant lice.

GRAFTING WAX - Used for grafting. Also good to rub over wounds made on bark, or in



To pratect evergreens and keep dogs away, just hang an opened tube of Dawg-Gone (opening down) in the lower branches af trees at the points of approach. (Nat necessary to place tube in every tree unless standing alone.) The odor slowly emanating from the open tube will keep dogs at a distance. Replaces unsightly wire screen or mechanical contrivances. Tubes, 25c each.

A "Rogue's Gallery" of Garden Pests









Potato Flea

Sow Bug

Rose Chafer

Leaf Hopper

Mealy Bugs











White Flies





Rose Midge



Cutworms

Thrip

Codling Moth Tomato Worm Rose Aphis Potato Blight Illustrations by Courtesy of Acme

Complete Spraying Guide-Chart FREE

The portroits of gorden enemies, obove, will help you to identify mony of the pests you find in your gorden. For further help in recognizing them and knowing how to combot them, use the famous ACME SPRAY GUIDE—

the "gordener's doctor book." This big hondy chort brings you oll the information you need to win your bottles with garden pests. You may have a copy, free, at any time, by writing, phoning, or colling at our store.



First, good seed! then, the right equipment!

You can catch fish with a piece of string and a bent pin. And you can also do your gardening with nothing but a spade, a hoe, and a rake.

But if it's results you're after . . . and if you want to have some fun while you're at it, then you'll need some of the time-and-labor savers that we have here, ready and waiting for you.

Our line-up of equipment items is not only complete, but highly dependable — every one designed and built by a manufacturer who has earned the confidence of experienced gardeners.

Remember, it's a regular part of our job to lighten the labor load for our customers . . . to help them in every way we can.

We invite your questions.

VEGETABLE GROWER'S GUIDE

VEGETABLE GROWER'S GUIDE											
V/A DIETV	Seed to	Feet of	Amount of	Approximate	Planting Depth	Distance	Between	Approximate			
VARIETY	Provide For Family of 5	Row Per Person	Seed Per 100 Feet	Yield Per 20 Ft. of Row	Outdoors (Inches)	Plants in Rows (Inches)	Rows (Inches)	Time To Produce Crop			
Asparagus	1 oz.	10-20			6-8	18	36-48	2-3 yrs.			
Beans, bush lima	3 pkts.	20-30	½ lb.	4 qts.	1-2	6-8	18-24	70-90 days			
Beans, pole lima	2 pkts.	10-15	½ lb.	5 to 6 qts.	1-2	36-48	36	80-120 "			
Beans	3 qts.	20-25	½ lb.	8 qts.	1-2	2-4	18-24	40-65 "			
Beets, early	3 ozs.	15-25	2 ozs.	5 doz. roots	1/2-3/4	1-3	12-18	40-75 "			
Beets, late	3 ozs.	15-25	2 ozs.	5 doz. roots	1/2-3/4	1-3	12-18	45-80 "			
Broccoli	1 pkt.	10-15	1 pkt.	20 heads	1/2	18	24-30	90-120 "			
Brussels Sprouts	1 pkt.	10-15	1 pkt.	20 gts.	1/2	18	24-30	100-120 "			
Cabbage, early		10-20	1 pkt.	10 heads	1/2	12-18	24-30	80-100 "			
Cabbage, late		10-25	1 pkt.	10 heads	1/2	12-18	24-30	90-120 "			
Carrots	$\frac{1}{2}$ oz.	25-75	$\frac{1}{2}$ oz.	5 doz. roots	1/2	1-3	12-18	65-80 "			
Cauliflower		10-15	1 pkt.	8 to 10 heads	1/2-3/4	18	24-30	100-140 "			
Celery		10-25	1 pkt.	2 doz. stalks	1/4	6	18-24	120-150 "			
Cucumber	1 pkt.	10-25	$\frac{1}{2}$ oz.	20 to 30 pickles	1	12-18 (hills 48)	48	60-90 "			
Eggplant		5-10	1 pkt.	30 to 40 fruits	1/2	24	24	140-160 "			
Endive	1 pkt.	5-10	1 pkt.	30 to 40 plants	1/2	12	12-18	60-90 "			
Kale	1 pkt.	5-15	1 pkt.	20 plants	1/2	12	18-24	60-90 "			
Lettuce	2 ozs.	10-15	1 pkt.	20 heads	1/2	8-12	12-18	50-90 "			
Muskmelon	1 pkt.	15-25	½ oz.	30 fruits	1	12-18 (hills 48)	48-60	100-150 "			
Onion	3 pkts.	15-20	2 lbs.	10-20 lbs. per row	1/8	(11113 10)	18				
Peas	3 lbs.	25-50	1 lb.	10-20 qts. of pods	1-2	1-2	18-30	50-90 "			
Pepper		5-15	1 pkt.	10 doz. peppers	1/2	18	18-24	120-150 "			
Potato	15 lbs.	25-75	5-10 lbs.	10 to 15 lbs.	3-5	9-12	24-30	80-120 "			
Pumpkin	1 pkt.	15-25	$\frac{1}{2}$ oz.	5 to 10 fruits	1	24-36 (hills 48)	72-96	75-140 "			
Radish	3 ozs.	5-10	1 oz.	10 to 15 doz.	1/2	1-2	12-18	26-65 "			
Rhubarb		5-10		6 doz. stalks	2-3	24-36	36-48	1 yr.			
Spinach	1 oz.	20-50	1 oz.	50 to 60 plants	1	4-8	12-18	40-60 days			
Squash, summer.	1 pkt.	5-10-	$\frac{1}{2}$ oz.	2 doz. fruits, bush variety	1	18-24 (hills 60)	60-72	60-80 "			
Sweet Corn	1 pkt. early and 1 qt. of others.	25-100	1-2 oz.	40 ears	1	9-12	24-30	60-100 "			
Swiss Chard	½ oz.	5-10	1 oz.	20 plants	1/2-3/4	6-12	18-24	50-60 "			
Tomato		25-50	1 pkt.	15-20 lbs. per plant	24-48	24-48		100-150 "			
Turnip		25-50	1 pkt.	60 to 80 roots	1/2	4-8	12-18	45-70 "			
Watermelon	1 pkt.	10-15	1 oz.		1	24-36	72-96	100-140 "			
						(hills 72)					

Insecticides and Fungicides

ANT KILLER CYANOGAS -Simply enlarge entrances of nest with pointed stick or longshank screw-driver. Adjust spout on can-allow small amount of Cyanogas to flow into the hale. The queen and warker ants are killed in a few minutes. Can 30c.

BLACK-LEAF 40 — A concentrated solution of Nicotine Sulphate. Active ingredient, Nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. I-oz. battle 35c; 5-oz. bottle \$1; 1-lb. bottle \$2.25; 2-lb. tin \$3.25; 5-lb. tin \$5.85; 10-lb. tin \$10.60.

CYANOGAS, (A) DUST—For outside use in killing rats, males, wood-chucks, gophers, and ground squirrels. Also for white grubs and crayfish in lawns. 1/2 lb. 45c; I lb. 75c; 5 lbs. \$3; 25 lbs. \$10; 100 lbs. \$30. (Not mailable.)

CYANOGAS, (G) FUMIGANT —For greenhouse, mushraom, and soil-fumigation. Scatter over the greenhouse walks and close the hause for the night. Generates deadly hydrocyanic acid gas which is very effective in controlling aphis, thrips, white fly, and soft scale. 5 lbs. \$3; 25 lbs. \$10; 100 lbs. \$30. (Not mailable.)

LIME-SULPHUR, LIQUID CONCENTRATED - Kills San Jasé scale. Dilute with cold water—I gallan makes 10 gallons of spray. Spray when trees are darmant. Qt. 40c; gal. \$1; 5 gals. \$3.50.

PLANT SPRAY, WILSON'S O. K.—A powerful yet safe and efficient contact insecticide for general outside or greenhouse spraying. Cantrols box-mite, thrips, leaf-hopper, psylla, aphis, midge, currant worms, spruce gall, lace-wing fly, and many other insects found attacking flowering plants, ornamental shrubs and trees. $\frac{1}{2}$ pt. 40c; qt. \$1; gal. \$3; 5 gals. \$12; 10 gals. \$22; 25 gals. \$50; 50 gals. \$90.

POMO-GREEN (With Nicotine)—Dust or spray for external leaf-eating insects and many plant-diseases, alsa sucking insects. Recommended highly for the cantrol of black-spot, mildew, and rust on roses, carnations, and snapdragons. Lb. 75c; 5 lbs. \$3; 25 lbs. \$12.

RED ARROW GARDEN SPRAY -Contains Pyrethrum and Rotenone. The all-round insecticide for home gardeners. Harmless to humans. Deadly to chewing and sucking insects. Does not require saap. Oz. 35c; 4 ozs. \$1; pt. \$2.75; qt. \$4.50; gal. \$14.

TREE TANGLEFOOT—A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 75c; 5-lb. can \$3.50; 10-lb. can \$6.25; 25 lbs. \$13.

BALSAM WOOL - For wrapping around bark before applying Tanglefoot, 16-ft. rolls, 3 in. wide, 3c per ft.

TREE WOUND PAINT - Prevents decay. A residuum, penetrating, antiseptic paint that is nat affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding. 1/2 pt. 30c; 1 pint 45c; 1 quart 75c.

TRI-OGEN — A triple-acting spray controlling black-spot, mildew, blight, sucking and chewing insects on roses. Remains as a protection on foliage for a long time.

Small Kit (sufficient for 25 roses for season).....\$1.50

Medium Kit (sufficient for 75 roses for season).. 4.00 Large Kit (sufficient for

150 roses) 6.00 NICO-FUME LIQUID - 1-1b. can \$2.25; 4-lb. can \$5.75; 8-lb. can \$10.

NICO-FUME PAPER - Especially effective against aphis (green fly and black fly) and against all insects affected by tobacco. Nico-Fume is packed in special friction-top tins. 24 sheets \$1.50; 144 sheets \$4.75; 288 sheets \$8.50.

NICO-FUME (Tobacco Powder). A poisan for fumigating greenhouses. Active ingredients: Nicotine, not less than 12.5%. Full directions with each can. 1/2 lb. 60c; 1-lb. can \$1.15; 5-lb. can \$3.50; 10-lb. can \$6.25.

SCALECIDE - Spray during winter or early spring when trees are dormant. Qt. 65c; gal. \$1.55; 10 gals. \$9.50; 50gal. bbl. \$29.

SEMESAN—One ounce treats 15 paunds of seed. Effective in controlling damping-off and such devastating gladialus diseases as hard rot and scab. 2 ozs. 35c; lb. \$2.25; 5 lbs. \$9.90; 25 lbs. \$45.50.

SLUG-SHOT — The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the garden. Lb. 25c; 5 lbs. \$1; 25 lbs. \$4; 125 lbs. \$12.50. (Not mailable.)

ROTENONE DUST-For dusting applications only. Can be used safely on any vegetable crop. Lb. 35c; 5 lbs. \$1.25; 25 lbs. \$5.

HELLEBORE, POWDERED -Kills currant worms. 1/2 lb. 30c; lb. 50c; 5 lbs. \$2.

LEMON-OIL INSECTICIDE— For mealy bug, thrip, red spider. Qt. \$1; gal. \$3.

FUNGTROGEN—A liquid spray for the control of mildew and blackspot. ½ pt. 75c; pt. \$1.25; qt. \$2; gal. \$6. (Not mailable.)

GARDEX Soil-Flow America's Modern Garden

GARDEX CULTIVATOR WITH WEEDER

GARDEX ROLLER RAKE

254. Rake covers seeded rows, roller presses down the soil to give the seed closer contact with the soil for quicker germination. Handy for colling lown seed interest.

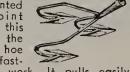


quicker germina-tion. Handy for rolling lawn seed into soil. Roller de-tachable. Complete with 5 ft. GARD-EX handle. 10'' wide, 10 teeth, roller diameter 234''\$2.20

GARDEX PULL HOE WEEDER

GARDEX CULTIVATOR

1553. With the new GARDEX patented Diomond Point Shares. Use this tool instead of the



tool instead of the old chopping hoe for five times faster and better work. It pulls easily through the soil without using pressure. The action of the tool itself keeps it in the ground. Complete with 5 ft. GARDEX handle. 3 prongs, 6" wide\$1.35 wide

GARDEX SOIL-AIR CONDITIONER

GARDEX TURF EDGER

400. Edges a thousand running feet an hour, cutting clean vertically and horizontally in one operation—along one operation—along sidewolks, driveways, flower beds, around trees. Push olong in short strokes. Complete with 41/2 ft.



Short strokes. Complete GARDEX hondle

GARDEX HAND PLOW

2006. For opening furrows before planting—covering furrows—hilling corn, pototoes and similar crops—making irrigation ditches around gardens and for bulb planting. The double mold board throws the loose dirt to both sides of the furrow. Complete with 5 ft. GARDEX handle. 6" wide..\$1.75

GARDEX MIDGET TOOL RACK



HOLDS 9 HANDY MIDGET TOOLS

From left to right — Hollow Planter, Culti-Hoe, Cultivator, Culti-Spade, Weeder, Hand Broom, One-Prong Cultivator, Culti-Weeder, Dibble

HERBICIDE Weed Killer

HERBICIDE is a powerful and economical chemical for destroying unsightly weed growth on paths, driveways, cobble gutters, tennis courts, etc. For ordinary grass and weeds, one gallon of HERBICIDE diluted with 50 gallons of water will cover approximately 1,000 sq. ft. Kills Poison Ivy and other noxious forms of vegetation. Also useful for



getting rid of dandelions and plantains in lawns, by applying a few drops on these weeds, using an oil can or dropping device. I qt. 50c; I gal. \$1.50; 5 gals. \$6.00; 10 gals. \$10.00; 30 gals. \$24.00.

Useful Garden Specialties

A PAGE OF REAL GARDEN HELPERS

TWO NEW GRASS SHEARS



GRASS SHEARS No. 195

Handles ond blades forged in one piece of high quality cutlery steel. Blades hollow ground, full polished with keen, carefully tempered cutting edges. Handles enameled finish with high lift feoture. \$1.75 each.

GRASS SHEARS No. 193

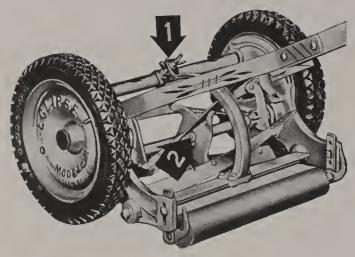
Forged Steel Hollow Ground Blades. Full polished with tempered edges. High lift molleoble iron hondles with red enomel finish. \$1.25 eoch.

Pruning Shears. French. 7-in. \$2.25 French. 8-in. 2.50 French. 9-in. 2.75 French. 10-in. 3.25 Snapcut 2.00 Hy-Pawer 2.20 Kunde 5.50 Pragress 1.00 Pruning Saw. Duplex. 18-in. 1.75 Pale Pruner Hook and Saw. Without 2.50
Lapping Shears. \$4 and 4.50 Draw-Cut \$4 and 4.50 Steel Handle 4.50 Wiss 20B 2.65 Steel Handle 2.50 Grafting Knife 1.75 The Farester Pruner. Na. 1 5.00 Na. 2 6.00 Na. 3 7.00
Hedge Shears. Wiss. 8-in. 3.00 Wiss. 9-in. 3.50 Wiss. 10-in. 4.00 English. 8-in. 3.85 English. 9-in. 4.15 English. 10-in. 4.35 Grass Shears. Wiss-Klip. 1.40 Level Cut 1.50 Trawel Shank with Rubber Handle. 1.50
Trawel Shank with Rubber Handle 1.50 Asparagus Knife
GrapeScissars.English1.25FlawerGatherer.English2.25FlawerGathererEnglishTrawel.Stainless steel2.00EnglishFark.Stainless steel2.25EnglishScuffle Haes.Without
handles .95 cts. ta 1.50 Trawel. English Fern 2.00 Trawel. Salid steel shank 1.25



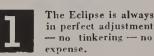
Be Modern — Get a Rubber-Tired Lawn Mower

The Famous Eclipse Mower



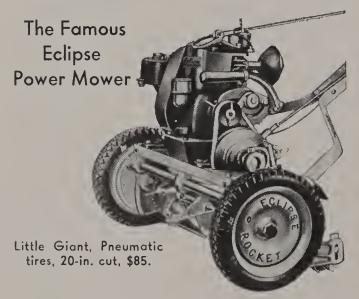
We recommend this Mower because it is always sharp and always in correct adjustment. The keen cutting edge of Eclipse blades keeps a lawn beautiful and smooth without injury to the turf. The first cost of an Eclipse is the last cost—precision methods of manufacture assure long service without the usual sharpening and adjusting expense of the ordinary Mower. 16-in. pneumatic tires **\$16.75**; 18-in. **\$18.25**.







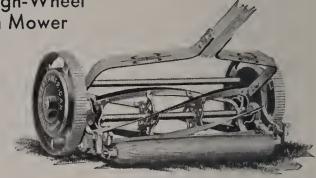
The Eclipse is always sharp. No expense— no attachments—no



It takes experience to produce a satisfactory line of Power Mowers. Eclipse Power Mowers have the experience of over a quarter of a century of successful Mower manufacturing built into them. They have proved their quality, economy, and superior performance on thousands of large lawns, cemeteries, and parks.

Great American High-Wheel **Ball-Bearing Lawn Mower**

This is the best all-round Mower of its type made; one of the greatest sellers of all time. It has 5 extrawide crucible tool steel blades, oil hardened and tempered; lower blade with raised edge. Braun self-aligning ball-bearings, hardened steel cup and



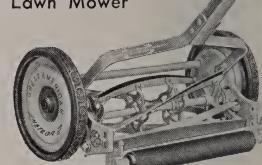
cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of fram $\frac{1}{2}$ to $\frac{1}{2}$ inches. High wheel, 10 inches in diameter.

19-in. cut\$18.45 15-in. cut\$15.95 17-in. cut 17.25

Great American Meteor Lawn Mower

Built of aluminum by Penna. Lawn Mower Co. Quiet and fast. Brand new for 1938. Pushes easily. Equipped with good-quality rubber tires and rubber-covered roller. 10-in. wheels, 5 crucible steel blades.

16-in. cut.....\$18.45



Penna. Lawn Trimmer

With this combination machine, equipped with a steel disc and a small plow, you can trim the overhanging grass along the edges of paths and flower-beds and do any similar work that has heretofore required a half moon hoe, a grass-hook, or hand shears

Grass Catchers

Easy Emptying. Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides. \$1.25 to \$2.50 each.

SAND or WATER BALLAST LAWN ROLLER. (Raller Bearing.) With this Raller yau can vary your weight as desired, all the way fram 90 lbs to 800 payads lbs. ta 800 paunds.

Madel 601—Diam. 14x15 in.; Empty —70 lbs.; Full—115 lbs.; Price—\$11.00.

LAWN ROLLERS

Model 602—Diam. 18x24 in.; Empty—85 lbs.; Full — 265 lbs.; Price — \$13.00.

Madel 603—Diam. 24x24 in.; Empty—IIO Ibs.; Full—420 Ibs.; Price—

Madel 604—Diam. 24x32 in.; Empty—130 lbs.; Full—565 lbs.; Price—\$18.50.



SPIKE-TAMP "The Lawn Makers' Friend" Price \$4.50 Each

WOODGRO LAWN CULTIVATOR **RAKE**

This cansists of a heavy, solid head, carrying 13 curved, sharp-pointed and sharp-edged teeth. The Cultivatar Rake tears out clover ar crab-grass and raughens the turf to prepare it for reseeding. With handle, \$2.50.

WOODGRO WOOD LAWN RAKE \$1.35 each

LAWNCOMB

The flexible, springy teeth make it very desirable for cleaning around plants, vines, shrubbery, and flower-beds. It is equally effective for cleaning gravel paths, as it removes leaves and other refuse without disturbing the gravel or crushed stone. 18-in., \$1.50; 24-in., \$2.00.

BAMBOO RAKES

Made of split bambaa, rigidly secured, with handle. Just the thing for cleaning grass clippings fram walks, flawer-beds, barders, and the

With hardwaad handle—18-in. \$.75; 24-in. \$1.00; 30-in. \$1.50.

WOODGRO CRAB GRASS RAKE \$1.25 each

Garden Supplies



Master's All-Steel Dump Cart

Takes the place of o wheelborrow, hos o capocity of 3 cubic feet and will do the work with less effort than with o wheelborrow. Used for moving earth, sond, grovel, mortar, ashes, etc. Price, \$10.75.



Steel Edging

Hos welded pockets ot 3-foot intervols, through which stout 18-inch stakes are driven to hold the edging in place. Gives a smooth, unbroken appearance to the lown. Standard length, 19 ft., 4 in.; thickness 3/16 in. Pointed Green. 3 in. wide, 85c per ft.; 5 in. wide, 90c per ft. Golvonized, 3 in., \$1.10; 5 in., \$1.25.

60 to 100 ft., deduct 20c per ft. 100 to 240 ft., deduct 25c per ft. 240 to 1000 ft., deduct 27c per ft. For broken lengths ond special bending, add 10c per foot.

SIX POPULAR BISHOP BIRD-HOUSES





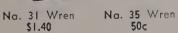






Na. 30 Wren \$1.00 No. 4 Bluebird \$2.50



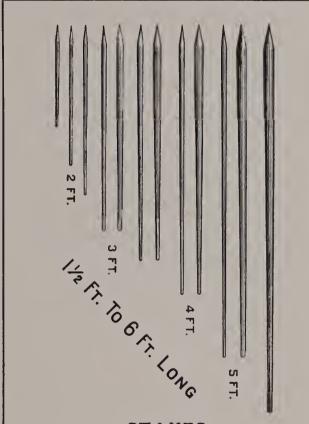




WHEELBARROWS



Medium Garden	\$8.00
Large Garden	9.00
Bays'	6.50
Greenhouse	
All Steel	5.75
Pneumatic tires far abave	8.00



STAKES

Heavy Green. Suitable far dahlias, tamataes, 5-ft. stakes\$2.50 \$15.00 6-ft. stakes 2.75

Heavy; strang. Diam. Height 100
 2 ft.
 1/2 in
 \$0.30
 \$1.50
 \$12.00

 3 ft.
 1/2 in
 .40
 2.00
 16.00

 4 ft.
 \$/8 in
 .60
 3.00
 27.50

 5 ft.
 3/4 in
 .65
 3.50
 32.50

 6 ft.
 3/4 in
 .75
 4.00
 37.50

 8 ft.
 1.50
 8.00
 70.00

Bambaa Canes, Genuine Chinese Natural.

Tapering Wood. Painted green.
Daz. 2.50 5.00

Japanese dyed gree	Bamboo	Canes.	Pencil	thic	kness,
2 ft 3 ft 4 ft			20	\$0.40 .50	\$3.00 4.00

Reichard's ''Fold-Up'' Plant Supports. Far peanies, roses, etc. These Supports are mode of Na. 7 galvanized wire, do nat rust, and may be used many years. Supports fald up. Na. 15/28. 15-in. diam., three 28-in. legs,

GARDEN LABELS

Tree. 31/2-in., painted, capper wired. 40c per 100; \$3.00 per 1000.

> Garden ar Pat. Wood,

pointed.



Width 8 in. 10 in. 12 in.

BURLAP For protecting plonts. Natural Color in bolts of approximotely 100 yords.

						rer ya.
36	in.					\$0.15
48	in.					17
60	in.					20
						re, de-
duc	et 3	3 c	per	yd.	from	obove
pri	ces.					

Raffia

Polm fibre used by gordeners for tying plonts and bunching vegetobles. It is the best tying moteriol yet produced. Noturol color, 40c per lb.; green dyed, \$1 per lb.

PERFECT FRUIT-PICKER. Mode of steel wire, heavily golvonized. Prevents bruising of fruit. Con be ottoched to ony pole. 50c eoch.

WATERS POLE TREE PRUNERS. Eoch

The Forester Pruner

A tremendously powerful and ruggedly built Pruner. Cuts limbs from $1\frac{1}{4}$ to 2 inches with eose. Hos potented slide-shift power-

20 in. long (for the orchord)\$5.00 PRUNING SAWS \$1.50 to \$4.00 RAKES. **Steel Garden....**.90c ta \$1.75 SCYTHES, Grass and Lawn, Im-

ported English. Hos o riveted bock, brood, thin, light blode. Best Scythe for cutting gross, rye, oots, etc.

SCYTHE STONE, Darby Creek .25

Garden Supplies

EDGERS

Grass,	Half	Moon.	.\$1.25	and	\$1.50
Planet,	Jr				1.50

FORKS

Spading							1.50	to	\$3.25
Manure							1.50	to	2.75

GARDEN REEL and LINE

....\$1.50 to \$3.00

GRASS HOOK or SICKLE, Imported English. With heavy riveted back, thin cutting blade, easy to sharpen; forged from the best-grade steel.

Medium					٠							.\$0.95
Large									۰	٠		. 1.25

HOES

Warren					٠			\$1.25	to	\$1.50
Garden								.75	to	1.75

GARDEN HOSE

Emerald Cord Hose. A ribbed green cover that distinguishes itself as a Hase for customers who buy for quality and appearance. Built to withstand severe service conditions. Cover extremely taugh and resists abrasion. The carcass, also of high quality, is built of two strands, commonly called double-double, high-quality, cotton cords imbedded in a high-grade, elastic and long-life frictioned rubber. Has six flat, longitudinal ribs, 5/8-in. bore. 25-ft. lengths \$7; 50-ft. \$12.50; 100ft. \$24.

Super-Twist. The same cord as used in Goodyear Tires. Non-kinkable. 5/8-in. bore. 25-ft. lengths \$4.25; 50-ft. \$8.75; 100-ft. \$17.

HOSE REELS

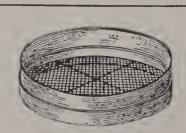
New Real Reel. Water runs through the hose on the Reel. \$6.50.

All-Iron. The All-Iron Hose Reels are constructed entirely of iron, and are indestructible. They are light in weight, frictionless, and the wheels being high, they are easily manipulated. These Reels cannot tip over when unreeling and there is no weight on the handle.

No. 10. 21-in. wheel, holds 100 feet $\frac{3}{4}$ -in. hose. \$5.50 each.

No. 20. 24-in. wheel, holds 150 feet 3/4-in. hose. \$6.50 each.

No. 30. 30-in. wheel, holds 500 feet 3/4-in. hose. \$9.50 each.



LOAM SIEVES

18-in. diam. Wood rim. Galvanized wire. 1/8-, 1/4-, 3/8-, 1/2-, 5/8-, 3/4-, and I-in. mesh. \$2 eoch.

GREEN NEPONSET FLOWER POTS

These Flower Pots retain the moisture. They ore most satisfactory for growing, shipping, and transplanting of seedlings or plants.

Size	Quantity per case	We	eight	Doz.	100	1000
21/4 in.	1000	14	lbs	\$0.15	\$0.60	\$5.50
$2^{1/2}$ in.	1000	16	lbs	.20	.75	6.75
3 in.	1000	24	lbs	.25	.85	7.00
$3\frac{1}{2}$ in.	1000	34	lbs	.30	1.00	10.50
4 in.	500	23	lbs	.35	1.40	12.00
5 in.	500	37	lbs	.40	1.85	18.00
6 in.	500	51	lbs	.50	2.75	24.00

FLOWER POTS, SAUCERS, PANS, TUBS AND WINDOW-BOXES

Standard Flower Pots. No charge far packing. Six at dozen rate, 50 at 100 rate, 500 at 1000 rate.

Flower Pots and Bulb Pans.

Size	Each	Daz.	100	1000
2 -in.		\$0.25	\$ 1.50	\$12.00
$2\frac{1}{2}$ -in.		.30	1.75	15.00
		.40	2.50	20.00
3 3/ ₄ -in.	\$0.05	.45	3.00	27.00
4 -in.		.60	4.00	30.00
5 -in.		1.10	7.00	55.00
6 -in.	15	1.60	10.00	82.00
7 -in.		2.60	16.00	
8 -in.		3:20	20.00	
9 -in.	50	5.00	40.00	
10 -in.		7.00	50.00	

Azalea Pots and Bulb Pans. Same price as Standard.

Saucers.

Size	Each	Daz.	100
4-in.	 \$0.05	\$0.40	\$3.00
5-in.	 05	.50	3.80
6-in.	 10	.70	5.50
7-in.	 10	.90	7.25
8-in.	 15	1.40	10.60
9-in.	 20	1.90	14.50
IO-in.	 30	2.25	17.00
12-in.	 50	4.00	25.00

Richmond Style Tree Tubs. The Tubs are made of white cedar, bound with flat steel hoop at bottam and three galvanized hoops above. Nicely painted green.

Size		Inside Diameter	Depth 6 in.	Price \$0.60
	1			
	2			.65
No.	3	. 8 in.	8 in.	.70
No.	4	. 9 in.	9 in.	.75
No.	5	.10 in.	9 in.	.90
No.	6	. II in.	10 in.	1.10
No.	7	.12 in.	II in.	1.35
No.	8	.13 in.	12 in.	1.60
No.	9	.14 in.	13 in.	1.90
No. I	0	.15 in.	14 in.	2.25
No. 1	1	.16 in.	15 in.	2.50
No. I	2	.17 in.	16 in.	2.90
No. I	3	.18 in.	18 in.	4.00
No. I	4	.19 in.	18 in.	4.20

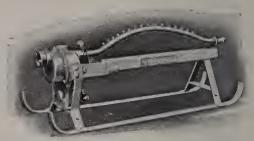
Window-Boxes.

Length	Width	Depth	Each
24 in.	$8\frac{1}{2}$ in.	61/4 in	\$1.50
30 in.	$8\frac{1}{2}$ in.	6 ¹ / ₄ in	2.00
36 in.	$8!/_2$ in.	6 ¹ / ₄ in	2.75
42 in.	8½ in.	6 /4 in	
48 in.	$8\frac{1}{2}$ in.	6 ¹ / ₄ in	4.00



WATERING POTS

French Oval Pattern.	Each
6-qt\$6.00 8-qt6.50	10-qt\$7.50 12-qt8.00
Haw's Pattern.	
3-qt\$6.00 4-qt6.50	6-qt\$7.50 8-qt8.50
Galvanized Iron.	
Each 4-qt. \$0.75 6-qt85 8-qt1.00	Each 10-qt.



WATERFAN

The New Automatic Oscillating Irrigation
Sprinkler

Will sprinkle a rectangle 40 by 45 feet with a mist-like spray. The plane of the spray oscillates back and forth. \$15 each.

TROWELS

Forged Steel Garden\$	0.85
Solid Steel Garden	.60
Solid Steel Garden. The ferrule	
shonk, as well as the blade,	
forged in one piece. Only the	ery
best material used. 6 in\$	1.25
Rolled Steel Garden	.30
Transplanting20c and	.30

WEEDING FORK, Hand, English .90

THERMOMETERS

No. 5420. Greenhouse. Black japanned heavy tin case. Oxidized brass scale, white figures. (Spirit.) 8-in., \$1; 10-in., \$1.25.

No. 5154S. Coppered tin case; distance reading. Black oxidized brass scale, white figures. (Spirit.) Scale range, 120 degrees above to 40 degrees belaw zero. 8-in., 85c.

No. 5452, Self-Registering. (Siexe's Pattern.) Lacquered polished brass case, white figures. Maximum and Minimum. 10-in., \$7, with magnet.

No. 5400. Black japanned tin case; brass scale, white figures. (Mercury.) Range, 40 degrees below zero to 120 above. Standard Grade. 8-in., \$1.75; 10-in., \$2.50.

No. 5127. Steel, finished white enamel. Black figures make it easy to read at a distance. Temperature from 20 below to 120 degrees above. Fahrenheit. (Spirit.) 8-in., \$1.

No. 5981. Hotbed. Pointed wood frame. Brass oxidized scale, white figures. Best grade, mercury-filled bulb-chamber giving good contact. 15-in., \$3.

Sprayers and Dusters



BANNER OPEN TOP SPRAYER

This splendid 4-gallon sprayer may be had with Galvanized Steel or Solid Copper Tank. It comes corrulfully equipped as shown and is adapted for all kinds of spraying purposes.

No. 22CO — Banner Copper Sprayer, \$9.50.

No. 22GO — Banner Galvanized Tank Sprayer, \$6.50.

No. 24CF—Lightning 31/2-gallon Copper Sprayer, \$8.00.

No. 24GF—Lightning 31/2-gallon Galvanized Tank Sprayer, \$4.50.



STREAMLINE BLIZZARD CONTINUOUS SPRAYER

This BLIZZARD is the finest continuous sprayer on the market. Sprays all insecticides, disinfectants, etc. Solid copper tank. Will last for years.

No. 14P—Blizzard Pint Size, \$1.50. No. 14Q—Blizzard Quart Size, \$2.00.



The DIAMOND, made of heavy tin, gives a constant, steady mistlike spray for use around the house and garden.

No. 12D-Diamond Sprayer, 65c.



FLARING ROSE HOSE SPRINKLER

Dustmaster\$1.25

Ejects a fan-like gentle spray. Especially adapted for sprinkling flowers and delicate foliage. Unexcelled for watering seedlings and newly planted grass-plots. 60c each.



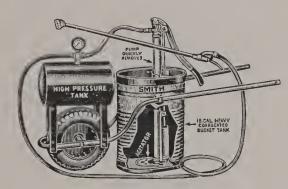
BRONX SPRAYER

Handy pint size Bottle Sprayer. Sprayer made entirely of brass nickelplated. Throws large broad fog mist spray. Nice for flowers, house plants, dampening clothes before ironing, and for spraying all disinfectants.

No. 8P — Bronx Pint Sprayer, complete, \$1.50.

SMITH HIGH PRESSURE WHEELBARROW SPRAYER

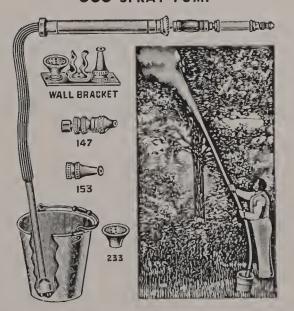
A high-grade wheelbarrow sprayer with 18-gallon corrugated bucket tank, heavy duty pump, 5-gallon high pressure tank, strong iron frame with Goodrich Silvertown Cord Balloon Tire which wheels easily and looks good. Excellent for use in spraying orchards, vineyards, garden trucks, field crops, whitewashing, etc. Will handle all spraying solutions.



No. 60BPG—Sprayer shown and described above, complete, \$40.00.

No. 60G—Sprayer exactly same as above except that it is not equipped with high pressure tank and is furnished with one steel wheel, \$31.00.

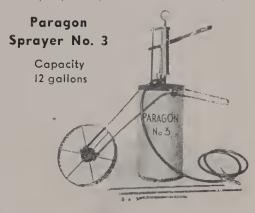
CCC SPRAY PUMP



This is a new idea in a Spray Pump for spraying fruit and shade trees, also flowers, shrubbery, garden vegetables, whitewash, disinfectants, washing windows, and a splendid fire extinguisher. Pump made of solid brass, has no pump valves to wear out. Works easily in any pail or bucket, very powerful. Comes complete with Tornado Strainer, three nozzles for every kind of spraying purpose, and a

wall bracket to hang the pump up out of the way and keep it ready for next job. This is a real high-grade sprayer for all kinds of spraying purposes.

CCC Spray Pump.....\$5.85



It has a circular, automatic, self-cleaning strainer which enables the operator to do better and quicker work.

Recommended for spraying whitewash, cold-water paint, insecticides, fungicides, and all solutions in the garden or greenhouse. Will also spray trees 25 feet high. Sprayer mounted on truck with two 12-inch wheels. Price, \$23.50; without truck, \$19.50

Equipment: 10-ft. Special Spray Hose, 71/2-ft. Extension Pipe, I Mist Nozzle, I Steel Cap, I Straight Spray. A Single Wheel Truck, with 16-inch wheel, will be furnished with the No. 3 Sprayer, when desired. \$23.50.

GARDEN GLOVES

National Eezy Wear Garden Gloves

A saft, pliable, all-leather, dirtpraaf Glove for both men and wamen. Specially adapted far general work in garden, garage, furnace, etc. The unusual quality af extreme softness and pliability in this all-leather Glove is the result of a special pracessing af a select imported leather. 75c per cair

KREME-SKIN GLOVES

Protect and Beautify Your Hands

Worn for driving, housework, gardening, horseback riding, golf, etc., these creamtreated gloves of washable lamb-skin soften and whiten the hands while giving complete



protection with utmost comfort. A simple and economical way to keep the hands in perfect condition. Approved by Good Housekeeping Institute. Small, Medium, and Large Sizes. \$1 per pair.

SURE-GRIP WEED PULLER. This is the only Weed Puller made that will pull a little weed and not make a big hole. In any well-kept lawn there will be but few big weeds, but there may be thousands of little ones that will grow big and smother the grass if not removed while they are little. The problem is to get the weeds before they grow big and go to seed. The Sure-Grip Weed Puller has solved the problem. \$1.25.

FERTILIZERS



How to buy Fertilizers

A standard garden encyclopedia offers this excellent advice: "In buying fertilizers the gardener will do well to follow the practice of the most successful commercial grawers, namely, to confine his selection to standard brands that have given satisfactory results over a long period of years, and to make his final choice upon the basis of the actual cost of the plant-food ingredients contained rather than the prices of the mixtures as a whole. Some mixtures which cost more than others are octually more economical than others that cost less, when the contents of each are calculated on the basis of actual fertilizing ingredients.

BONE MEAL-All-purpose fertilizer, rich in the two principal plant foods-nitrogen and phosphoric acid. Recommended for lawns, garden or general purpose.

NITRATE OF SODA — Carries nothing but nitrogen (ammonia) —no phosphoric acid or potash. Highly stimulating to lawns, plants or other vegetation.

SULPHATE OF AMMONIA --Highly concentrated—quick acting. Very desirable for all plants in which rapid growth or large leaf development is desired.

MURIATE OF POTASH - Improved Potash, once again avoilable, and should be used liberolly, especially for all root crops.

> ALUMINUM SUL-PHATE-A moterial used in creating acid soils necessary for successful culture of Azaleas, Rhododendrons, and similar plonts.

SULPHATE OF POTASH --- Highly recommended for plants requiring acid soil conditions.

SHEEP MANURE --- An economical and effective fertilizer. Excellent for lawns, gardens and general use. A perfectly balanced plant food.

ASHES, CANADA HARDWOOD — These furnish patash. One to two tons per acre moy be harrowed into land winter or eorly spring. May be broad-cast between rows of

carn, potatoes, beets, carrots, etc., 10 pounds per 100 feet. 100-lb. bag \$4; bbl. (about 200 lbs.) \$6; ton \$45.

NITROPHOSKA — (15-30-15 available plant-food.) Is 3 to 5 times as rich as ordinary commercial fertilizers. Apply 5 to 10 pounds per 1000 square feet of lown and garden; 200 to 400 pounds per acre. Lb. 25c; 5 lbs. 90c; 25 lbs. \$2.75; 50 lbs. \$4.75; 100 lbs. \$6; 500 lbs. \$30; ton \$94.50.

CLAY'S FERTILIZER - Has a splendid reputation for flowers, vegetables, and fruit. Two to 4 ounces to the square yard, raked into the soil around the plants. 7 lbs. \$2; 14 lbs. \$3; 28 lbs. \$4; 56 lbs. \$8; 112 lbs. \$13.50.

WOODGRO DEHYDRATED COW-MANURE - Nature's natural organic plant-food. 5 lbs. 40c; 25 lbs. \$1.25; 50 lbs.

*HORMODI

Hormodin is the new root-forming chemical which simplifies the rooting of cuttings for amateur and professional gardeners.

The Hormodin treatment is simple and economical. It brings new thrill and fascination to gardeners. The \$1.00 size is sufficient to treat hundreds of cuttings. Order from your dealer.

MERCK & CO. Inc.

Manufacturing Chemists RAHWAY, N. J.



GRANULATED PEAT MOSS -An excellent material for mulching rose-beds and flower-beds to preserve and hold maisture; also for mulching and incorporating with the soil in rhododendron-, laurel-, and azalea-beds. 25 lbs. \$1; ½ bale \$2; bale (average weight 190 lbs.) \$3.50; 10 bales \$30.

DRIED BLOOD—(15% Ammonia.) 5 lbs. 50c; 25 lbs. \$1.75; 100 lbs. \$5.

HYPER-HUMUS—Nature's product for enriching lawns, soil for oll kinds of gordening, and for stimulating potted plants. Used in moking fine lawns, especially where soil is poor. 10 lbs. 50c; 25 lbs. \$1; 50 lbs. \$1.50; 100 lbs. \$2; ton (20 bags) \$20.

ADCO - Added to vegetable refuse, gross clippings, cornstalks, etc., will produce o clean, odorless manure. 7½ lbs. \$1; 25 lbs. \$2· 150 lbs. \$10.50.

FERTILIZER PRICES SUBJECT TO MARKET FLUCTUATIONS

\$2.25; 100 lbs. \$4.25; 500 lbs. \$20; 1000 lbs. \$37.50; ton \$70. See page 2-A for full description.

COTTONSEED MEAL - Rich in nitrogen and potash; suitable for grain crops, but most largely used on lawns. Use $\frac{3}{4}$ to $\frac{1}{2}$ tons per ocre. 100 lbs. \$4; 500 lbs. \$18.50.

LIME—For lown or field use. Very finely pulverized. Corrects acid soils; also breaks up clay soils, 10 lbs. 30c; 25 lbs. 45c; 50 lbs. 65c; 100 lbs. \$1.20; 1000 lbs. \$10; ton \$15. Special prices on car-lots.

ROOTONE. A hormone powder -For rooting cuttings and dusting seeds and soil. Place cuttings and seeds in powder and plant them. Speeds rooting, produces healthy plants and controls damping-off. Effective on roots such as dahlias and cannas. In the treatment of soil it helps manure or organic matter to increase their plant hormone content. 2-oz. jar (sufficient to treat up to 3000 cuttings) \$1; one lb. jar (sufficient to treat up to 25,000 cuttings) \$5.

WOODGRO LAWN AND GARDEN FERTILIZER-Lown Gorden Woodgro contoins the elements your soil needs for excellent plont-development and maintenance. It contoins o reserve supply beyond whot is immediately essential, and o humus content that holds the reserve in readiness without permitting it to leoch owey. Anolysis 6-7-5. 10 lbs. 60c; 25 lbs. \$1; 50 -lbs. \$2; 100 lbs. \$3.50; 500 lbs. \$16; ton \$56.

SCOTCH SOOT—A voluoble plantfoad. On grass, ar dusted oraund vegetables or on the plonts themselves, it discourages coterpillors, slugs, grubs, wireworms, cut-worms ond eorthworms. 5 lbs. \$1; 10 lbs. \$1.75; 25 lbs. \$3; 50 lbs. \$4.50; 112-lb. bog \$7; 5 bogs \$30; ton \$85.

SUPER-PHOSPHATE—(16% Acid Phosphate.) Apply 1000 lbs. per ocre. 100 lbs. \$2.50.



Rich Food - Easy to Use

Clean, Odorless, Quick Acting, Safe Tablets

Fulton's Plantabbs make healthy roots, strong stems, bushy folioge, obundont blooms. House plonts o joy yeor round. Amazing results on gorden flowers, vegetobles, fruit, ornomentols. Used in toblets or, moke into liquid fertilizer. Try, on our recommendation.

In Baxes 25c, 50c, \$1.00, \$3.50

WOODGRO **Prepared Sterilized Soil**

This is a soil mixture of loam, sond, etc., completely sterilized and ready for use. Its use gives highest germinotian to oll seeds ond eliminotes the possibility of loss due to mildew ond fungus which often occurs when using ordinary soil. 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4. Special prices quoted on large quontities for lowns, golf courses,

WOODGRO **Ground Tobacco Stems**

 The ground tobacco stems are a great improvement over the whole stems and has proven itself invaluable for gardens.

For fertilizing, Cleansing and mulching. The chief fertilizing element in tobacco stems is Potash. They feed, retain moisture and deter insects. Use in conjunction with our WOODGRO Cow Manure for Better Lawns and Gardens.

> Use $1\frac{1}{2}$ lb. to the square yard 2 tons per acre.

100 lbs. \$ 3.50 50 lbs. \$ 2.00 500 lbs. 16.00 1 Ton 45.00

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THOMAS WOOD & SONS INCORPORATED

12-14 MIDLAND AVENUE, MONTCLAIR, N. J.

	Date	193
Enclosed fi	nd \$ for which ship merchandise r	named below
by	express,freight,	mail,
	best way.	
	(All members of one family please order under one name) Box	
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		100000
1100		

CONTRACTOR OF STATE OF STREET				
Quantity		Name of Article Wanted	N 15-40	Price
			*	
We would be glad to send our catalog to your friends and neighbors who are interested in gardening. Names of home owners only desired. Use the following lines for their names and addresses:				
NAME		POST OFFICE		STATE
-				
Q	ions and contingencie	or even which we have no control	al cometimes o	morround arran

Conditions and contingencies over which we have no control sometimes prevent even the best of seeds from giving full satisfaction. For this reason, it is impossible for us to guarantee seeds under all circumstances. We take every possible precaution and care to give you the best possible merchandise and service, but in accordance with the regular custom of the Seed Trade, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we sell, and will not in any way be responsible for the crop.

WOODGRO HARDY GARDEN ROSES

Our Roses, to the best of our knowledge, are the very finest stock that is grown. They are sprayed every week and kept clean, healthy, and thrifty during the entire period of production. As a result, they

are heavy, well-matured stock, unsurpassed for size and quality. They are carefully dug with little or no exposure and delivered in a healthy, vigorous condition.

Extra-strong, field-grown, dormant plants, 75c each; \$7.50 per doz., except on patented Roses which have prices quoted.

HYBRID TEA ROSES

Amelia Earhart. Plant Patent No. 63. Creamyellow. Enormous flowers, full and very fragrant. Strong, vigorous grower and free bloomer. \$1.25 eoch; \$3.25 for 3.

Ami Quinard. Blackish velvety red; very fragrant. Strong, upright grower.

Autumn. The darkest and richest colored of the Talisman-Hoover group. Good upright grower and quite active bloomer.

Betty Uprichard. Two-tone salmon ond carmine; sweetly fragrant. Flowers semi-double but rich in oppearance.

Condesa de Sastago. A glowing Oriental red and yellow Rose that makes a glow of color in the garden. Double; fragrant.

Countess Vandal. Plant Patent No. 38. Two-tone copper and salmon. The plant is vigorous and blooms unceasingly. Buds are of perfect form and substance, with an ideal cut-flower stem. \$1 each; \$2.50 for 3.

Edith Nellie Perkins. Two-toned salmon and carmine. A very free-blooming, bushy Rose with perfect blooms.

Editor McFarland. Clear pink. A wonderful Rose with long stems and lorge, perfect flowers. Plant is unusually vigorous and always active. The best pink Rose today.

E. G. Hill. Dazzling scarlet, toning to pure red. Very double, perfectly formed blooms on long stems; very fragrant.

Etoile de Hollande. Dark red. Finest red Rose yet produced. Buds are of perfect form; blooms large and double, on long stems, and truly fragrant.

R. M. S. Queen Mary. Plant Patent No. 249. This new Rose is a wonderful combination of vivid shades, being a rich, glowing blending of salmon and pink with an orange base. The buds are long and pointed, and the flowers are of large size and wonderful form. Freely produced and delicately perfumed. \$1.50 each.

Henry Nevard. A Hybrid Perpetual which we find has the blooming habit of a Hybrid Tea. Crimson-scarlet in color. A real "American Beauty."

Joanna Hill. Creamy yellow. It has long buds that open to perfect flowers, very full, on long stems and slightly fragrant.

Kaiserin Auguste Viktoria. Cream-white, with greenish center. The best white Hybrid Teaknown. Blooms are lorge, full, and perfectly formed, with rich fragrance. We have a very good stroin that omazes everyone.

Margaret McGredy. Orange-scarlet. Large, long-pointed buds and double flowers.

McGredy's Scarlet. Velvety, brilliant scorlet. Vigorous grower bearing large flowers on long stems.

Miss Rowena Thom. Bright rose, mixed with mauve ond old-gold. Beors immense flowers of perfect form.

Mme. Butterfly. Rose mixed with apricot and yellow. Perfectly formed buds, long losting when cut. Highly scented.

Mrs. G. A. van Rossem. Two-toned orange and apricot-yellow, with golden yellow base. The reverse is often chrome-yellow or bronze. One of the most spectacular combinations of color imaginable

Mrs. Henry Morse. Bright and clear vermilion on the outside of the petals and flesh-pink on the inside

Mrs. Pierre S. du Pont. Golden yellow. Hos longpointed buds with flowers of medium size. Color is a rich deep yellow which does not fode. Ranked by many os our present "best yellow."

President Herbert Hoover. Multicolored yellow, orange, and scarlet; very frogrant. Holds a permanent place in every list.

Radiance. Brilliant carmine-solmon with reverse side opal-rose. The easiest grown and most reliable of oll Roses.

Sister Therese. Golden yellow; bud morked with oronge-carmine. We believe it will become one of the most popular yellows.

Talisman. Mixture of golden yellow, oronge and scarlet-red, with variations in nearly every bloom. One of the most widely known of all Roses.

Texas Centennial. Plant Patent No. 162. Bright vermilion-red. Sport of the wonderful President Herbert Hoover. It is a free bloomer and richly fragrant. The rich red bud tones down into a carmine-pink as the bloom opens. \$1 each; \$2.50 for 3.

CLIMBERS

American Beauty, Climbing. Vermilionpink. Large, fragront flowers of fine form, borne in clusters, but splendid for cutting. An old, but still very popular variety. Blooms early in the season.

Apeles Mestres. Clear yellow. Full, double flowers of very large size. Should rote os the best hardy climbing yellow.

Blaze. Plant Patent No. 10. The hordy everblooming counterpart of Paul's Scarlet Climber. In our fields, this year, it has bloomed and rebloomed on new wood. \$1 each; \$2.50 for 3.

Paul's Scarlet Climber. Bright scarlet, tinted with crimson. The flowers are fairly large, coming in clusters—a vivid splash of color which holds clear and true. Medium grower, highly adaptable for pillors. Blooms in midseason.



SPRAY WITH TRI-OGEN

Complete Insect Spray and Fungicide
Stimulates Plant-Growth

Tri-ogen Is Harmless to Folioge or Blooms
Convenient—Easy and Pleosant to Use
Triple Acting

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APRICOT GLOW. LC. (The Brownells, 1936.) Plant Patent No. 200. A truly magnificent Climber with medium-sized flowers of a light apricot color, shading yellow at the base, and produced in large clusters. Flowers are double, nicely formed, and have a pleasing fruity fragrance. \$1 each.

ELEGANCE. LC. (The Brownells, 1937.) **Plant Patent applied for.** The flowers are spectrum-yellow in center, shading to very pale yellow on the outer petals, deepening in color as they open. Carried on stiff stems I to 3 feet long, the huge exhibition flowers of Hybrid Tea form open slowly, making this one of the longest flowering Climbers of which we know. Supreme in yellow Climbing Roses, having the unbelievable combination of an abundance of long-stemmed flowers that are perfect Hybrid Teas. \$1.50 each.

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GOLDEN CLIMBER (Mrs. Arthur Curtiss James). LC. (The Brownells, 1933.) Plant Patent No. 28. Large, handsome, clear sunflower-yellow blooms borne on o vigorous, glossy-leaved Climber. Requires different pruning from other large-flowered Climbers—flowers best on old cones. Pruning should be confined to cutting out enough young canes to keep it under reasonable control. \$1 each.

GOLDEN ORANGE CLIMBER. LC. (The Brownells, 1937.) Plant Patent No. 96. Large, semidouble flowers in delicate shades of yellow and orange, informally waved and crinkled. Is exquisite as a cut-flower. Plant is vigorous and hardy. One for the connoisseur. \$1.50 each.

PEGGY ANN LANDON. LC. (The Brownells, 1937.) Plant Patent applied for. Buds of sunflower-yellow-oronge, fade resistant, opening lighter each day. Flowers of good size are borne singly or in clusters on stiff stems. Plant vigorous, with strong, leathery foliage and abundant bloom. One of the first Climbers to show color in the spring. \$1.50 each.

CORAL CREEPER. LC. (The Brownells, 1937.) Plant Patent applied for. A lovely shade of apricot-

CREEPING or TRAILING

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FREDERICK S. PECK. LC. (The Brownells, 1937.) Plant Patent applied for. Semi-double, deep grenadine-pink blooms, with yellow tints in center, carried singly and in clusters on slightly arched stems well above the attractive foliage. The delicate color is unique in creepers. \$1 each.

LITTLE COMPTON CREEPER. LC. (The Brownells, 1937.) Plant Patent applied for. Single, deep rose-pink, in large, open clusters literally covering the dark shiny folioge. A lovely color and when in full flower is unsurpassed by any other creeper. Covered in fall with yellowish orange to red hips. \$1 each.



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